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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

- communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 9, 2018 contains applications open to public inspection from September 23, 2018 to September 29, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 9 octobre 2018 contient les demandes disponibles au public pour consultation pour la période du 23 septembre 2018 au 29 septembre 2018.

Canadian Patents Issued

October 9, 2018

Brevets canadiens délivrés

9 octobre 2018

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[25] EN
[54] **USE OF A COMPLEX OF GINKGO FLAVONOIDS AND PHOSPHATIDYLSERINE FOR ENHANCED COGNITIVE FUNCTION**
[54] **UTILISATION DE COMPLEXES A BASE DE GINKGO POUR AMELIORER LES FONCTIONS COGNITIVES ET POUR SOULAGER LA FATIGUE MENTALE**
[72] MORAZZONI, PAOLO, IT
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[51] **Int.Cl. A61N 1/36 (2006.01)**
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[54] **CRANIAL NERVE STIMULATION FOR TREATMENT OF SUBSTANCE ADDICTION**
[54] **STIMULATION DU NERF CRANIEN AFIN DE TRAITER L'ACCOUTUMANCE A UNE SUBSTANCE**
[72] TERRY, REESE S., JR., US
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[54] **METHODS AND SYSTEMS FOR ACCESSING INFORMATION RELATED TO AN ORDER OF A COMMODITY**
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[72] FARMER, JAMES G., US
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[54] **MEANS AND METHODS FOR INFLUENCING THE STABILITY OF ANTIBODY PRODUCING CELLS**
[54] **MOYEN ET METHODES PERMETTANT D'INFLUENCER LA STABILITE DE CELLULES PRODUISANT DES ANTICORPS**
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[54] **METHOD AND SYSTEM FOR COLLECTING AND USING MARKET DATA FROM VARIOUS SOURCES**
[54] **METHODE ET SYSTEME PERMETTANT DE COLLECTER ET D'UTILISER DES DONNEES COMMERCIALES DE DIVERSES SOURCES**
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[72] CAN, ALI, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **OLIGONUCLEOTIDES CONTAINING HIGH CONCENTRATIONS OF GUANINE MONOMERS**
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[54] **PASSIVELY LOCATING A POROUS OIL, GAS OR WATER SATURATED SYSTEM GIVING OFF ITS CHARACTERISTIC RESONANCE RESPONSE TO AMBIENT BACKGROUND NOISE**
[54] **LOCALISATION PASSIVE D'UN SYSTEME POREUX SATURE DE PETROLE, DE GAZ OU D'EAU OFFRANT SA REPONSE DE RESONANCE CARACTERISTIQUE AU BRUIT D'ARRIERE-PLAN AMBIANT**
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[72] STEINER, CARL A., US
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[54] **PREDICTION OF QT PROLONGATION BASED ON SNP GENOTYPE**
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[25] EN
[54] **ANTIBODIES THAT BIND IL-4 AND/OR IL-13 AND THEIR USES**
[54] **ANTICORPS SE LIANT A L'IL-4 ET/OU A L'IL-3 ET LEURS UTILISATIONS**
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[54] **METHOD FOR STUDYING V(D)J COMBINATORY DIVERSITY**
[54] **PROCEDE D'ETUDE DE LA DIVERSITE COMBINATOIRE V(D)J**
[72] PASQUAL, NICOLAS, FR
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[73] ADAPTIVE BIOTECHNOLOGIES CORP., US
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[54] **GENETIC MARKERS FOR WEIGHT MANAGEMENT AND METHODS OF USE THEREOF**
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[72] DRAPER, COLLEEN, US
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[54] **COMPOSITIONS AND METHODS FOR DETECTION OF CHROMOSOMAL ABERRATIONS WITH HYBRIDIZATION BUFFERS COMPRISING A POLAR APROTIC SOLVENT**
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[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION DE VIRUS HERPES ALPHA**
[72] DELAGRAVE, SIMON, US
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[54] **PROCEDES ET DISPOSITIFS DE FILIGRANAGE AUDIO ET DE DETECTION ET D'EXTRACTION DE FILIGRANES**
[72] SRINIVASAN, VENUGOPAL, US
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[54] **ROUE DE CHENILLE POUR UN VEHICULE CHENILLE**
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[72] ANKENBAUER, ROBERT GERARD, US
[72] LUO, YUGANG, US
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[73] PURE HUMIDIFIER CO., US
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[54] **CATHETER A EXTREMITE DISTALE MANOMETRIQUE MUNIE D'UNE FINE PELLICULE**
[72] SCHULTZ, JEFFREY W., US
[73] BIOSENSE WEBSTER, INC., US
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[72] ANDERSON, SARA E., US
[72] NAU, WILLIAM H., JR., US
[72] COUTURE, GARY M., US
[72] COULSON, REBECCA J., US
[73] TYCO HEALTHCARE GROUP, LP, US
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[54] **TUBE D'ACIER A HAUTE RESISTANCE POUR UTILISATION A BASSE TEMPERATURE, PRESENTANT, AU NIVEAU DES ZONES AFFECTEES PAR LA CHALEUR DU SOUDAGE, DES QUALITES SUPERIEURES DE RESISTANCE AU FLAMBAGE ET DE TENACITE**
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
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[72] SHIKANAI, NOBUO, JP
[73] JFE STEEL CORPORATION, JP
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[72] FREY, GEORGE FREDERICK, US
[72] RUSSELL, STEVEN CRAIG, US
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[54] SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE, A FAIBLE COUT DE REVIENT, ET A CAPACITE DE PLANIFICATION
[72] VENKATAKRISHNAN, NATARAJAN, US
[72] FINCH, MICHAEL FRANCIS, US
[72] BULTMAN, ROBERT MARTEN, US
[72] WORTHINGTON, TIMOTHY DALE, US
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[72] CHEN, WEI, US
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[72] LIN, WENDY WEN-LING, US
[72] SUSARLA, PRAMEELA, US
[72] WOODS, JACK ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] LAI, HUNG-CHENG, CN
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[54] ENSEMBLE D'ORIFICE D'ACCES RESPIRATOIRE AVEC VERROUILLAGE PASSIF ET PROCEDE D'UTILISATION
[72] BREWER, JOHN, US
[72] MORRIS, CASSANDRA E., US
[72] GORDON, JOE, US
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[54] **ENSEMBLE DE RETENUE DE PALIER**
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[73] JOY GLOBAL SURFACE MINING INC, US
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[72] LE, JOELLE, GB
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[54] **ENSEMBLE DE TURBINE EOLIENNE ET METHODE DE MONTAGE CONNEXE**
[72] BAGEPALLI, BHARAT SAMPATHKUMARAN, US
[72] KOLAR, ROMAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] EDWARDS, IAN K., US
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[72] HERSTICH, ABBY ROSE, US
[72] DZIABA, MICHELE MARIE, US
[72] SLEDGE, TAKEISA R., US
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[54] **APPAREILLAGE ET METHODE D'ASSEMBLAGE MECANIQUE D'ELEMENTS METALLIQUES ET D'ELEMENTS COMPOSITES**
[72] WOODS, MARK A., US
[72] INMAN, JOHN E., US
[72] FEIKERT, EDWARD, US
[72] JONES, JULIE R., US
[72] BLAHUT, ELIZABETH D., US
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[54] **SYSTEME DE TEST DE CONFORMITE REGLEMENTAIRE UTILISABLE DANS DIFFERENTS BUREAUX DE TEST**
[72] MACKEY, DAVID, US
[72] ARNOLD, DAVID, US
[72] DOWNING-MASON, ANA, US
[72] NIKIPER, PETER, US
[73] GAMING LABORATORIES INTERNATIONAL, LLC, US
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[54] **PROCEDES DE TRAITEMENT OU DE PREVENTION DE LA FATIGUE**
[72] KHAYRALLAH, MOISE A., US
[72] BREAM, GARY, US
[72] BUTTS, STEPHEN E., US
[72] MELNICK, SUSAN MARIE, US
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[54] **APPAREILS A FIBRES OPTIQUES A LARGE BANDE ET A DENSITE ELEVEE ET EQUIPEMENT ET PROCEDES ASSOCIES**
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[72] DEAN, DAVID L., JR., US
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[54] **UNITE DE CHAMP MAGNETIQUE D'UN SYSTEME MRT PERMETTANT L'ACQUISITION D'UNE IMAGE D'UNE REGION DE LA TETE**
[72] RASCHE, VOLKER, DE
[72] HELL, ERICH, DE
[72] ULRICI, JOHANNES, DE
[73] SIRONA DENTAL SYSTEMS GMBH, DE
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[54] **IMPROVED MASSAGE APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE MASSAGE AMELIORE ET SON PROCEDE D'UTILISATION**
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[73] SCOPE OPHTHALMICS LIMITED, IE
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[54] **NEURAMINIDASE INHIBITOR COMPOUNDS, COMPOSITIONS AND METHODS FOR THE USE THEREOF AS ANTI-VIRALS**
[54] **COMPOSES INHIBITEURS DE NEURAMINIDASE, COMPOSITIONS ET METHODES D'UTILISATION ASSOCIEES COMME ANTIVIRAUX**
[72] WATTS, ANDREW GRAHAM, GB
[72] KIM, JIN HYO, KR
[72] WENNEKES, TOM, NL
[72] WITHERS, STEPHEN, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **MECANISME DE DEPLOIEMENT POUR UN SYSTEME DE TOIT ESCAMOTABLE D'UNE GRANDE STRUCTURE DE BATIMENT**
[72] DELANEY, FRANCOIS, CA
[73] DELANEY TECHNOLOGIES INC., CA
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[25] EN
[54] **SEAT CONNECTOR AND METHOD OF USING SAID SEAT CONNECTOR**
[54] **CONNECTEUR DE SIEGE ET METHODE D'UTILISATION DUDIT CONNECTEUR DE SIEGE**
[72] L'HUILLIER, ETIENNE, CA
[72] ARCHAMBAULT, ETIENNE, CA
[73] CREATIONS I.D. B05 INC., CA
[86] (2770422)
[87] (2770422)
[22] 2012-03-01
[30] US (61/526,377) 2011-08-23

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[54] **LOCKING DEVICE WITH INTEGRATED CIRCUIT BOARD**
[54] **DISPOSITIF DE VERROUILLAGE AVEC CARTE DE CIRCUIT INTEGRE**
[72] ZIMMER, TODD C., US
[72] TONON, JEFF P., US
[72] LOWDER, SCOTT B., US
[73] SARGENT MANUFACTURING COMPANY, US
[85] 2012-02-09
[86] 2010-08-20 (PCT/US2010/046052)
[87] (WO2011/022571)
[30] US (61/235,497) 2009-08-20

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[13] C
[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/136 (2010.01) H01M 4/1397 (2010.01)**
[25] FR
[54] **METHOD FOR PREPARING A POSITIVE ELECTRODE MATERIAL THROUGH EXTRUSION IN PRESENCE OF AN AQUEOUS SOLVENT, POSITIVE ELECTRODE OBTAINED THROUGH SAID METHOD, AND USES THEREOF**
[54] **PROCEDE DE PREPARATION D'UN MATERIAU POUR ELECTRODE POSITIVE PAR EXTRUSION EN PRESENCE D'UN SOLVANT AQUEUX, ELECTRODE POSITIVE OBTENUE PAR LE PROCEDE ET APPLICATIONS**
[72] MADRAY, SOPHIE, FR
[72] DESCHAMPS, MARC, FR
[72] KERDRANVAT, STEPHANE, FR
[73] BLUE SOLUTIONS, FR
[85] 2012-02-16
[86] 2010-09-08 (PCT/FR2010/051871)
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[30] FR (0956168) 2009-09-09

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[51] **Int.Cl. C09K 3/00 (2006.01) B01F 1/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **MONOCHLOROTRIFLUOROPROPENE COMPOUNDS AND COMPOSITIONS AND METHODS USING SAME**
[54] **COMPOSES DE MONOCHLOROTRIFLUOROPROPENE ET COMPOSITIONS ET PROCEDES ASSOCIES**
[72] SINGH, RAJIV R., US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2012-03-07
[86] 2010-09-08 (PCT/US2010/048036)
[87] (WO2011/031697)
[30] US (61/240,786) 2009-09-09

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **CLASS I ANTI-CEA ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CEA DE CLASSE I ET LEURS UTILISATIONS**
[72] HANSEN, HANS J., US
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[73] IMMUNOMEDICS, INC., US
[85] 2012-03-15
[86] 2010-07-29 (PCT/US2010/043663)
[87] (WO2011/034660)
[30] US (61/242,872) 2009-09-16

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[51] **Int.Cl. A61K 31/404 (2006.01) A61K 9/107 (2006.01) A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/30 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PERORAL ADMINISTRATION OF 3,3'-DIINDOLYLMETHANE**
[54] **COMPOSITION PHARMACEUTIQUE DESTINE A L'ADMINISTRATION ORALE DE DIINDOLYLMETHANE**
[72] KISELEV, VSEVOLOD IVANOVICH, RU
[72] VASSILIEVA, IRINA GENNADIEVNA, RU
[73] NORDIC LABS LIMITED, GB
[85] 2012-03-16
[86] 2010-09-07 (PCT/RU2010/000487)
[87] (WO2011/034465)
[30] RU (2009134872) 2009-09-18

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[51] **Int.Cl. G01S 1/00 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT**
[72] MORRISON, RUSSELL GAVIN, GB
[72] HELLIWELL, ALASDAIR WARD, GB
[72] LANCASHIRE, DAVID CHARLES, GB
[72] DIXON, CHARLES STEPHEN, GB
[73] ASTRIUM LIMITED, GB
[85] 2012-03-21
[86] 2010-09-10 (PCT/EP2010/063299)
[87] (WO2011/039042)
[30] EP (09275088.4) 2009-09-30

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[13] C
[51] **Int.Cl. A22C 9/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MACERATING MEAT-TYPE PRODUCTS**
[54] **APPAREIL ET METHODE DE MACERATION DE PRODUITS DE VIANDE**
[72] BORKIEWICZ, ZBIGNIEW STANISLAW, US
[72] KLECKNER, THOMAS W., US
[72] SCHNELL, TIMOTHY DALE, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2775473)
[87] (2775473)
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[51] **Int.Cl. C07H 1/08 (2006.01) A23L 27/30 (2016.01) A23L 27/50 (2016.01) A21D 2/08 (2006.01) A23C 9/13 (2006.01) A23G 1/42 (2006.01) A23G 9/36 (2006.01) A23L 2/02 (2006.01) A23L 2/60 (2006.01) A61K 8/60 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **HIGH-PURITY REBAUDIOSIDE D AND APPLICATIONS**
[54] **REBAUDIOSIDE D HAUTEMENT PUR, ET APPLICATIONS CORRESPONDANTES**
[72] ABELYAN, VARUZHAN, MY
[72] MARKOSYAN, AVETIK, MY
[72] ABELYAN, LIDIA, MY
[73] PURECIRCLE SDN BHD, MY
[85] 2012-03-27
[86] 2010-10-13 (PCT/MY2010/000207)
[87] (WO2011/046423)
[30] US (12/580,233) 2009-10-15
[30] US (12/785,501) 2010-05-24
[30] US (12/785,504) 2010-05-24
[30] US (12/785,506) 2010-05-24
[30] US (12/785,507) 2010-05-24
[30] US (12/785,508) 2010-05-24
[30] US (12/786,392) 2010-05-24
[30] US (12/786,402) 2010-05-24
[30] US (12/786,413) 2010-05-24
[30] US (12/786,416) 2010-05-24
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[30] US (12/786,427) 2010-05-24
[30] US (12/786,430) 2010-05-24

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[25] EN
[54] **ASSEMBLIES FOR ION AND ELECTRON SOURCES AND METHODS OF USE**
[54] **ENSEMBLES POUR SOURCES D'IONS ET D'ELECTRONS ET LEURS PROCEDES D'UTILISATION**
[72] FERRARA, KEITH, US
[72] BARKUS, DAVID, US
[72] PATKIN, ADAM, US
[72] MANNINO, ROSARIO, US
[72] PENTEK, DANIEL, US
[72] DELORENZO, FRANK, US
[72] RASMUSSEN, BARTON, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2012-04-04
[86] 2010-10-12 (PCT/US2010/052248)
[87] (WO2011/046897)
[30] US (61/250,619) 2009-10-12

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[51] **Int.Cl. F25C 5/04 (2006.01) F25C 1/04 (2018.01) F25C 5/08 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **ICE MAKING ASSEMBLY WITH OPTIMIZED HARVESTING AND RELATED REFRIGERATION APPLIANCE**
[54] **DISPOSITIF DE FABRICATION DE GLACE AVEC RAMASSAGE OPTIMISE ET APPAREILS DE REFRIGERATION CONNEXE**
[72] WHITE, LORINA JUNE, US
[72] MITCHELL, ALAN JOSEPH, US
[72] COLYER, JEFFREY MICHAEL, US
[72] HAUSER, JOSEPH MICHAEL, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
[86] (2778577)
[87] (2778577)
[22] 2012-05-30
[30] US (13/151,551) 2011-06-02

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[13] C
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **CLINICAL SYRINGE**
[54] **SERINGUE CLINIQUE**
[72] THORLEY, CRAIG STEPHEN, AU
[72] KAAL, JOSEPH HERMES, AU
[72] JOHNSON, IAN, AU
[72] READE, ANDREW, AU
[72] SIU, ERIC, AU
[72] SOKOLOV, RICHARD, AU
[72] DUNN, CHRISTOPHER, AU
[73] UNITRACT SYRINGE PTY LTD, AU
[85] 2012-05-03
[86] 2010-11-11 (PCT/AU2010/001504)
[87] (WO2011/057334)
[30] US (61/260,253) 2009-11-11

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[13] C
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01) A61N 1/375 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSMITTING ELECTRICAL CURRENT TO A BODILY TISSUE**
[54] **SYSTEME DE TRANSMISSION D'UN COURANT ELECTRIQUE A UN TISSU CORPOREL**
[72] DAR, AMIT, IL
[72] FELDMAN, SHAI, IL
[72] GLUKHOVSKY, ARKADY, US
[72] SPRINGER, SHMUEL, IL
[72] REGEV, EINAN, IL
[73] BIONESS INC., US
[85] 2012-05-07
[86] 2010-12-01 (PCT/US2010/058525)
[87] (WO2011/068849)
[30] US (12/628,273) 2009-12-01

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[51] **Int.Cl. F21K 9/60 (2016.01) F21V 29/70 (2015.01) F21K 9/68 (2016.01) F21S 8/00 (2006.01) F21V 7/00 (2006.01)**
[25] EN
[54] **LED LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A DEL**
[72] BELKNAP, LEE J., US
[72] TONEY, JAMES H., JR., US
[72] STEINBERG, GARY ALLEN, US
[72] WATERS, RODNEY JONATHAN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2012-05-10
[86] 2010-09-16 (PCT/US2010/049051)
[87] (WO2011/059560)
[30] US (12/615,967) 2009-11-10

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[13] C
[51] **Int.Cl. B01D 24/10 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REMOVING FINES FROM HYDROCARBON-CONTAINING FLUIDS**
[54] **PROCEDES ET SYSTEMES D'ELIMINATION DE FINES DE FLUIDES CONTENANT DES HYDROCARBURES**
[72] PATTEN, JAMES W., US
[73] RED LEAF RESOURCES, INC., US
[85] 2012-05-30
[86] 2010-12-03 (PCT/US2010/058948)
[87] (WO2011/069097)
[30] US (61/266,423) 2009-12-03

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[13] C
[51] **Int.Cl. F01C 19/00 (2006.01) F01C 19/02 (2006.01) F01C 19/08 (2006.01)**
[25] EN
[54] **APEX SEAL FOR ROTARY INTERNAL COMBUSTION ENGINE**
[54] **JOINT D'ARETE POUR MOTEUR ROTATIF A COMBUSTION INTERNE**
[72] GEKHT, EUGENE, CA
[72] THOMASSIN, JEAN, CA
[72] BOLDUC, SEBASTIEN, CA
[72] GAGNON-MARTIN, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2782794)
[87] (2782794)
[22] 2012-07-06
[30] US (61/512467) 2011-07-28
[30] US (13/273891) 2011-10-14

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[25] EN
[54] **PPAR-SPARING THIAZOLIDINEDIONE SALTS FOR THE TREATMENT OF METABOLIC DISEASES**
[54] **SELS DE THIAZOLIDINEDIONE EPARGNANT LES PPAR POUR LE TRAITEMENT DES MALADIES METABOLIQUES**
[72] COLCA, GERARD R., US
[72] TANIS, STEVEN P., US
[72] LARSEN, SCOTT D., US
[73] CIRIUS THERAPEUTICS, INC., US
[85] 2012-06-05
[86] 2010-12-15 (PCT/US2010/060439)
[87] (WO2011/084453)
[30] US (61/286,765) 2009-12-15

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[13] C
[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL CUTTING INSTRUMENT THAT ANALYZES TISSUE THICKNESS**
[54] **INSTRUMENT D'INCISION CHIRURGICALE ANALYSANT L'EPAISSEUR D'UN TISSU**
[72] SWENSGARD, BRETT E., US
[72] SMITH, BRET W., US
[72] LAURENT, RYAN J., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2012-06-13
[86] 2010-12-06 (PCT/US2010/059139)
[87] (WO2011/078959)
[30] US (12/647,134) 2009-12-24

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[13] C
[51] **Int.Cl. A61K 31/437 (2006.01) A61P 1/08 (2006.01) A61P 25/00 (2006.01) A61P 27/16 (2006.01)**
[25] EN
[54] **.BETA.-CARBOLINES FOR TREATMENT OF HEARING DAMAGES AND VERTIGO**
[54] **.BETA.-CARBOLINE POUR TRAITER DES TROUBLES DE L'AUDITION ET LES VERTIGES**
[72] ROMMELSPACHER, HANS, DE
[73] AUDIOCURE PHARMA GMBH, DE
[85] 2012-06-21
[86] 2010-12-28 (PCT/DE2010/001530)
[87] (WO2011/079841)
[30] DE (10 2009 060 811.7) 2009-12-28
[30] US (61/282,395) 2010-02-02

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[13] C
[51] **Int.Cl. A61K 35/747 (2015.01) A23L 33/135 (2016.01) A23L 33/21 (2016.01) A61K 31/702 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **NUTRITIONAL FORMULAS CONTAINING SYNBIOTICS**
[54] **FORMULES NUTRITIONNELLES CONTENANT DES SYNBIOTIQUES**
[72] THOMAS, DEBRA J., US
[72] BUCK, RACHAEL H., US
[73] ABBOTT LABORATORIES, US
[85] 2012-07-10
[86] 2011-01-18 (PCT/US2011/021506)
[87] (WO2011/090926)
[30] US (61/296,217) 2010-01-19

[11] **2,786,925**
[13] C
[51] **Int.Cl. E21D 9/10 (2006.01) E21C 27/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR WORKING ROCK**
[54] **PROCEDE ET DISPOSITIF POUR DECOUPER UNE ROCHE**
[72] KRISTERSON, MATS, SE
[72] MARTINSSON, CARL-GUSTAV, SE
[72] HARTWIG, SVERKER, SE
[72] EMANUELSSON, KAJ, SE
[72] NORD, GUNNAR, SE
[72] NORLING, MORGAN, SE
[73] EPIROC AKTIEBOLAG, SE
[85] 2012-07-10
[86] 2011-01-26 (PCT/SE2011/050080)
[87] (WO2011/093777)
[30] US (61/298,307) 2010-01-26

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[13] C
[51] **Int.Cl. C07D 333/40 (2006.01) A61K 31/381 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENTS FOR TREATMENT OF OCULAR HYPERTENSION**
[54] **AGENTS THERAPEUTIQUES POUR LE TRAITEMENT DE L'HYPERTENSION OCULAIRE**
[72] OLD, DAVID W., US
[72] GAC, TODD S., US
[73] ALLERGAN, INC., US
[85] 2012-07-23
[86] 2011-01-25 (PCT/US2011/022459)
[87] (WO2011/094231)
[30] US (61/298,428) 2010-01-26

[11] **2,788,318**
[13] C
[51] **Int.Cl. H01S 3/10 (2006.01)**
[25] EN
[54] **HIGH POWER FEMTOSECOND LASER WITH ADJUSTABLE REPETITION RATE**
[54] **LASER FEMTOSECONDE DE HAUTE PUISSANCE AVEC FREQUENCE DE REPETITION REGLABLE**
[72] KARAVITIS, MICHAEL, US
[73] ALCON LENSX, INC., US
[85] 2012-07-26
[86] 2011-02-24 (PCT/US2011/026031)
[87] (WO2011/106498)
[30] US (12/712,051) 2010-02-24

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[13] C
[51] **Int.Cl. H03M 7/30 (2006.01) H04N 19/61 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **ENCODING AND DECODING METHODS AND DEVICES USING A SECONDARY CODEWORD INDICATOR**
[54] **PROCEDES ET DISPOSITIFS DE CODAGE ET DE DECODAGE UTILISANT UN INDICATEUR DE MOT DE CODE SECONDAIRE**
[72] KORODI, GERGELY FERENC, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-07-31
[86] 2011-01-26 (PCT/CA2011/050045)
[87] (WO2011/103679)
[30] EP (10154962.4) 2010-02-26

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[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **ABDOMINAL TREATMENT SYSTEMS, DELIVERY DEVICES, AND METHODS**
[54] **SYSTEMES POUR TRAITEMENT ABDOMINAL, DISPOSITIFS D'ADMINISTRATION ET PROCEDES CORRESPONDANTS**
[72] SIMMONS, TYLER, US
[72] SAMMONS, ALEXANDER, US
[73] KCI LICENSING, INC., US
[85] 2012-08-03
[86] 2011-03-10 (PCT/US2011/027835)
[87] (WO2011/112774)
[30] US (61/312,990) 2010-03-11
[30] US (13/043,987) 2011-03-09

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[13] C
[51] **Int.Cl. C07K 14/47 (2006.01)**
[25] EN
[54] **A POLYNUCLEOTIDE FOR USE IN TREATMENT OF INFLUENZA A VIRUS INDUCED DISEASES, ENCODING MODIFIED MX PROTEIN, SAID MODIFIED MX PROTEIN, AND A TRANSGENIC ANIMAL EXPRESSING GENE ENCODING MODIFIED MX PROTEIN**
[54] **POLYNUCLEOTIDE POUR UTILISATION DANS LE TRAITEMENT DE MALADIES INDUITES PAR L'INFLUENZAVIRUS A, CODANT POUR UNE PROTEINE MX MODIFIEE, LADITE PROTEINE MX MODIFIEE, ET ANIMAL TRANSGENIQUE EXPRIMANT UN GENE CODANT POUR UNE PROTEINE MX MODIFIEE**
[72] DESMECHT, DANIEL, BE
[72] CORNET, ANNE MARIE LOUISA GHISLAINE, BE
[73] UNIVERSITE DE LIEGE, BE
[85] 2012-08-17
[86] 2010-02-19 (PCT/EP2010/052088)
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[51] **Int.Cl. C09K 8/34 (2006.01) C09K 8/035 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PYROMELLITAMIDE GELLING AGENTS**
[54] **AGENTS GELIFIANTS PYROMELLITAMIDES**
[72] MESHER, SHAUN T., CA
[72] STEWARD, OLIVIA, GB
[72] FIRTH, DANIEL, GB
[73] SYNOIL FLUIDS HOLDINGS INC., CA
[86] (2790760)
[87] (2790760)
[22] 2012-09-24
[30] US (61/538,692) 2011-09-23

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[13] C
[51] **Int.Cl. H02J 50/10 (2016.01) E05B 47/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING POWER AND DATA TRANSMISSION BETWEEN A DOOR AND A FRAME**
[54] **SYSTEME ASSURANT LA TRANSMISSION D'UN COURANT ELECTRIQUE ET DE DONNEES ENTRE UNE PORTE ET UN CADRE**
[72] HANCHETT, LELAND J., JR., US
[73] HANCHETT ENTRY SYSTEMS, INC., US
[86] (2792041)
[87] (2792041)
[22] 2012-10-11
[30] US (13/528,397) 2012-06-20

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[13] C
[51] **Int.Cl. G01S 15/88 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE INSPECTION APPARATUS HAVING AN ERGONOMIC GRIP AND ASSOCIATED METHOD**
[54] **APPAREIL D'INSPECTION NON DESTRUCTRICE DOTE D'UNE POIGNEE ERGONOMIQUE ET METHODE ASSOCIEE**
[72] FONDA, JAMES W., US
[72] HUSKAMP, CHRISTOPHER S., US
[73] THE BOEING COMPANY, US
[86] (2792703)
[87] (2792703)
[22] 2012-10-16
[30] US (13/298,325) 2011-11-17

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **NEGOTIATION OF QUALITY OF SERVICE (QOS) INFORMATION FOR NETWORK MANAGEMENT TRAFFIC IN A WIRELESS LOCAL AREA NETWORK (WLAN)**
[54] **NEGOCIATION D'INFORMATIONS DE QUALITE DE SERVICE (QOS) POUR UN TRAFIC DE GESTION DE RESEAU DANS UN RESEAU LOCAL SANS FIL (WLAN)**
[72] MONTEMURRO, MICHAEL PETER, CA
[72] MCCANN, STEPHEN, GB
[73] BLACKBERRY LIMITED, CA
[85] 2012-09-14
[86] 2011-03-11 (PCT/IB2011/051044)
[87] (WO2011/114274)
[30] CA (2696037) 2010-03-15

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[13] C
[51] **Int.Cl. E06B 5/00 (2006.01) E06B 1/52 (2006.01)**
[25] EN
[54] **ACCESS DOORS**
[54] **PORTES D'ACCES**
[72] ROBICHAUD, JEAN, CA
[72] DAVID, SYLVAIN, CA
[72] LAROUCHE, ANNIE, CA
[73] LES INDUSTRIES CENDREX INC., CA
[86] (2793793)
[87] (2793793)
[22] 2012-10-24
[30] US (61/552,693) 2011-10-28

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[72] BOERRETZEN, PEER, NO
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[72] GUTIERREZ, RAMIRO MARTINEZ, ES
[72] STRACHAN, SILVIA, CH
[72] MATVEEVA, IRINA, RU
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[54] **SURFACE DE COMMANDE ELASTOMERE A TECHNOLOGIE DE LIGNE DE MOULAGE CONTINUE**
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[73] VALSPAR SOURCING, INC., US
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[72] LEBRILLA, CARLITO B., US
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[54] **FORME GALENIQUE ET PHARMACEUTIQUE COMPRENANT 6'-FLUORO-(N-METHYL- OR N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE POUR LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE**
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[72] SCHILLER, MARC, DE
[72] FRIEDRICH, INGO, DE
[72] KIRBY, CHRIS, GB
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[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
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[72] ERIKSSON, MARTEN, FI
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[72] SHI, QIAN, US
[72] KAWASHIMA, TOSHIYUKI, US
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[54] **SYSTEME DE STYLET ELECTROSTATIQUE A L'INTERIEUR D'UN CAPTEUR TACTILE CAPACITIF**
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[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **RESINE PHENOLIQUE, PROCEDE DE PREPARATION, COMPOSITION D'ENCOLLAGE POUR FIBRES MINERALES ET PRODUIT RESULTANT**
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[72] DOUCE, JEROME, FR
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[73] SAINT-GOBAIN ISOVER, FR
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[54] **AMIDON MICRONISE ET METHODES DE FABRICATION DE CELUI-CI**
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[73] CORN PRODUCTS DEVELOPMENT, INC., US
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[54] **DISPOSITIF D'ACTIONNEMENT POUR EQUIPEMENT DE FOND**
[72] BRANDSDAL, VIGGO, NO
[73] TCO AS, NO
[85] 2013-03-12
[86] 2011-10-21 (PCT/NO2011/000301)
[87] (WO2012/060713)
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[25] FR
[54] **PROCESS FOR HYDRODEOXYGENATION AND PROCESS FOR UPGRADING OF PYROLYSIS OIL RESULTING FROM BIOMASS, WHICH ARE CAPABLE OF OPERATING CONTINUOUSLY**
[54] **PROCEDE D'HYDRODESOXYGENATION ET PROCEDE DE VALORISATION D'HUILE DE PYROLYSE ISSUE DE LA BIOMASSE SUSCEPTIBLES DE FONCTIONNER EN CONTINU**
[72] MAYEUR, VINCENT, FR
[72] PREAU, ALEXANDRE, FR
[73] TOTAL RAFFINAGE FRANCE, FR
[85] 2013-03-25
[86] 2011-11-21 (PCT/FR2011/052714)
[87] (WO2012/066263)
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[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01)**
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[54] **ENERGY MANAGEMENT AND STORAGE SYSTEM**
[54] **SYSTEME DE GESTION ET DE STOCKAGE D'ENERGIE**
[72] ONSAGER, MICHAEL G., US
[72] HELFRICH, JOSEPH, US
[72] PERUGINI, DAVE L., US
[72] CHMIEL, WAYNE G., US
[72] WEBER, ROBERT, US
[72] MILLER, PETER J., US
[73] CATERPILLAR GLOBAL MINING LLC, US
[85] 2013-04-02
[86] 2011-09-23 (PCT/US2011/052950)
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[30] US (12/899,375) 2010-10-06

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[51] **Int.Cl. H04L 29/08 (2006.01) G01D 4/00 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS FOR DETECTING, COLLECTING, COMMUNICATING, AND USING INFORMATION ABOUT ENVIRONMENTAL CONDITIONS AND OCCURRENCES**
[54] **SYSTEMES POUR DETECTER, COLLECTER, COMMUNIQUER ET UTILISER DES INFORMATIONS RELATIVES A DES CONDITIONS ET A DES SITUATIONS ENVIRONNEMENTALES**
[72] CHASKO, STEPHEN J., US
[73] LANDIS+GYR INNOVATIONS, INC., US
[85] 2013-04-05
[86] 2011-10-19 (PCT/US2011/056866)
[87] (WO2012/064474)
[30] US (12/942,449) 2010-11-09

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[25] EN
[54] **BLIND ASSEMBLY**
[54] **ENSEMBLE STORE**
[72] BIRTLES, STEPHEN WILLIAM, GB
[73] LOUVER-LITE LIMITED, GB
[85] 2013-04-12
[86] 2011-11-18 (PCT/GB2011/001626)
[87] (WO2012/072972)
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[25] EN
[54] **MULTI-ORIENTATION STAND FOR A PORTABLE ELECTRONIC DEVICE**
[54] **SUPPORT MULTI-ORIENTATION POUR UN DISPOSITIF ELECTRONIQUE PORTATIF**
[72] PASCHKE, BRIAN DENNIS, CA
[72] WOOD, TODD ANDREW, CA
[72] MATSUMOTO, IPPEI, GB
[72] COLIN, KIMBERLEE, GB
[72] HECHT, SAMUEL, GB
[72] VON LINTEL, PHILIPP, GB
[73] BLACKBERRY LIMITED, CA
[86] (2815155)
[87] (2815155)
[22] 2013-05-06
[30] EP (12172894.3) 2012-06-21

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[51] **Int.Cl. H02J 7/04 (2006.01) H01M 10/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RAPIDLY CHARGING BATTERIES**
[54] **APPAREIL ET PROCEDE DE CHARGEMENT RAPIDE DE BATTERIES**
[72] HUNTER, IAN, US
[72] LAFONTAINE, SERGE R., US
[73] NUCLEUS SCIENTIFIC, INC., US
[85] 2013-04-18
[86] 2011-10-21 (PCT/US2011/057338)
[87] (WO2012/054864)
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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING TRANSPLANT FUNCTION USING SOLUBLE COMPLEMENT RECEPTOR TYPE I (SCR1)**
[54] **METHODE POUR AMELIORER LA FONCTION DE TRANSPLANTATION A L'AIDE D'UN RECEPTEUR DE COMPLEMENT SOLUBLE DE TYPE 1 (SCR1)**
[72] SEELEN, MARC A.J., NL
[73] CELLDEX THERAPEUTICS, INC., US
[85] 2013-04-18
[86] 2011-10-27 (PCT/US2011/058163)
[87] (WO2012/058479)
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[51] **Int.Cl. A61K 9/70 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FORMING A PHARMACEUTICAL PRODUCT DIRECTLY ONTO A PACKAGING SURFACE**
[54] **PROCEDE ET SYSTEME DE FORMATION D'UN PRODUIT PHARMACEUTIQUE DIRECTEMENT SUR UNE SURFACE D'EMBALLAGE**
[72] MYERS, GARRY L., US
[72] BOGUE, BEUFORD A., US
[72] SLOMINSKI, GREG, US
[72] DAVIDSON, KEVIN, US
[72] MILOSHOFF, LAURA, US
[73] AQUESTIVE THERAPEUTICS, INC., US
[85] 2013-04-22
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[25] EN
[54] **CONTROL OF PHENOXYALKANOIC ACID HERBICIDE-RESISTANT WEEDS WITH 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID AND ITS SALTS OR ESTERS**
[54] **CONTROLE DE MAUVAISES HERBES RESISTANTES AUX HERBICIDES DE TYPE ACIDE PHENOXYALCANOIQUE GRACE A L'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE ET SES SELS OU SES ESTERS**
[72] SATCHIVI, NORBERT M., US
[72] SCHMITZER, PAUL R., US
[73] DOW AGROSCIENCES LLC, US
[85] 2013-04-25
[86] 2011-11-04 (PCT/US2011/059252)
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[54] **FLASH TANK WITH COMPACT STEAM DISCHARGE ASSEMBLY**
[54] **RESERVOIR DE DETENTE AVEC DISPOSITIF D'ECHAPPEMENT DE VAPEUR COMPACT**
[72] NELLIS, WALTER E., US
[72] HUNT, TYSON BRADFORD, US
[72] GROGRAN, RICHARD, US
[73] ANDRITZ INC., US
[86] (2819217)
[87] (2819217)
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[30] US (61/677,666) 2012-07-31
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[51] **Int.Cl. B29C 70/08 (2006.01) B29B 11/16 (2006.01) B29C 70/88 (2006.01)**
[25] EN
[54] **FIBER PREFORM MADE FROM REINFORCING FIBER BUNDLES AND COMPRISING UNIDIRECTIONAL FIBER TAPES, AND COMPOSITE COMPONENT**
[54] **PREFORME FIBREUSE COMPRENANT DES RUBANS DE FIBRES UNIDIRECTIONNELS ET COMPOSEE DE FAISCEAUX DE FIBRES DE RENFORCEMENT, ET ELEMENT EN MATERIAU COMPOSITE**
[72] WOHLMANN, BERND, DE
[72] SCHNEIDER, MARKUS, DE
[72] WOGINGER, ANDREAS, DE
[72] OBERWAHRENBROCK, FRANK, DE
[73] TEIJIN CARBON EUROPE GMBH, DE
[85] 2013-05-31
[86] 2011-11-11 (PCT/EP2011/069939)
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[25] EN
[54] **WRAPPER MARGARINE**
[54] **MARGARINE D'EMBALLAGE**
[72] VAN KEMPEN, GIJSBERT MICHIEL PETER, NL
[72] LAGERWAARD, CORNELIS ABRAHAM, NL
[73] UNILEVER BCS LIMITED, GB
[85] 2013-06-06
[86] 2011-11-28 (PCT/EP2011/071150)
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[25] EN
[54] **ANTIBACTERIAL MEDICAL PRODUCT AND METHOD FOR PRODUCING SAME**
[54] **DISPOSITIF MEDICAL ANTIBACTERIEN ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF**
[72] COLMENARES MORA, CARMEN LEONOR, CH
[72] MUELLER, ARND, CH
[72] JANSSEN, ALBERT PETER GERHARD, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2013-06-18
[86] 2011-05-16 (PCT/EP2011/002405)
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[51] **Int.Cl. A01B 73/02 (2006.01)**
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[54] **IMPLEMENT WITH REDUCED HYDRAULIC OIL EXCHANGE**
[54] **ENGIN A ECHANGE D'HUILE HYDRAULIQUE REDUIT**
[72] MARO, RANDALL A., US
[72] BARFELS, AARON L., US
[73] DEERE & COMPANY, US
[86] (2824035)
[87] (2824035)
[22] 2013-08-16
[30] US (13/596,249) 2012-08-28

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ACTIVITY AND PARTICIPATION INCENTIVES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'ACTIVITES ET DE MOTIVATIONS DE PARTICIPATION**
[72] GREENSPUN, DANIEL ALAN, US
[73] VEGAS.COM, LLC, US
[85] 2013-07-15
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[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **A BAFFLE RETENTION CHANNEL FOR AN INDUCTOR BOX OF AN AGRICULTURAL IMPLEMENT**
[54] **CANAL DE RETENUE DE DEFLECTEUR POUR BOITE D'INDUCTION D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] CONNORS, MICHAEL J., US
[72] PRICKEL, MARVIN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2826133)
[87] (2826133)
[22] 2013-09-04
[30] US (13/737,792) 2013-01-09

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[51] **Int.Cl. A01B 63/02 (2006.01)**
[25] EN
[54] **PIVOTING HOSE SUPPORT SYSTEM FOR AGRICULTURAL IMPLEMENTS**
[54] **SYSTEME DE SUPPORT DE TUYAU PIVOTANT POUR ACCESSOIRES AGRICOLES**
[72] WILLIAMS, ANDREW J., CA
[72] MARCINIUK, COREY N., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2827258)
[87] (2827258)
[22] 2013-09-19
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[25] EN
[54] **DYNAMIC MIXER**
[54] **MELANGEUR DYNAMIQUE**
[72] LINNE, VOLKER, DE
[72] HIEMER, ANDREAS, CH
[72] HUSLER, FLORIAN, CH
[73] SULZER MIXPAC AG, CH
[85] 2013-08-26
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[54] **METHOD AND ARRANGEMENT FOR BURNING LIME MUD**
[54] **PROCEDE ET DISPOSITIF DE COMBUSTION DE LA BOUE CHAULEE**
[72] VEHMAAN-KREULA, JUHANI, FI
[73] ANDRITZ OY, FI
[85] 2013-08-28
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[54] **DERIVE AZOLE**
[72] ONO, NAOYA, JP
[72] KURODA, SHOICHI, JP
[72] SHIRASAKI, YOSHIHISA, JP
[72] TAKAYAMA, TETSUO, JP
[72] SEKIGUCHI, YOSHINORI, JP
[72] USHIYAMA, FUMIHITO, JP
[72] OKA, YUSUKE, JP
[73] TAISHO PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **INJECTABLE DENDRIMER HYDROGEL NANOPARTICLES**
[54] **NANOPARTICULES D'HYDROGEL DE DENDRIMERE INJECTABLES**
[72] RANGARAMANUJAM, KANNAN, US
[72] KANNAN, SUJATHA, US
[72] ROMERO, ROBERTO, US
[72] NAVATH, RAGHAVENDRA, US
[72] MENJOGE, ANUPA, US
[73] WAYNE STATE UNIVERSITY, US
[73] NATIONAL INSTITUTES OF HEALTH, US
[85] 2013-09-12
[86] 2011-03-31 (PCT/US2011/030648)
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[30] US (61/319,289) 2010-03-31

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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING REDUNDANCY IN MOTION VECTOR PREDICTORS**
[54] **PROCEDE ET APPAREIL POUR SUPPRIMER LA REDONDANCE DANS DES PREDICTEURS DE VECTEURS DE MOUVEMENT**
[72] LIN, JIAN-LIANG, CN
[72] CHEN, YI-WEN, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[73] HFI INNOVATION INC., TW
[85] 2013-09-16
[86] 2012-06-12 (PCT/CN2012/076762)
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[30] US (61/500,903) 2011-06-24
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[25] EN
[54] **PLANTING UNIT FOR A SEEDING MACHINE HAVING A SEED METER WITH A DOWNWARDLY FACING METERING MEMBER AND A SEED DELIVERY SYSTEM**
[54] **UNITE PLANTEUSE POUR SEMEUSE COMPORTANT UN DOSEUR DE SEMENCE A ELEMENT DE DOSAGE TOURNE VERS LE BAS ET SYSTEME DE DISTRIBUTION DE SEMENCE**
[72] GARNER, ELIJAH, US
[72] FRIESTAD, MICHAEL E., US
[72] MARIMAN, NATHAN A., US
[72] ZUMDOME, LEE E., US
[73] DEERE & COMPANY, US
[85] 2013-09-23
[86] 2011-09-02 (PCT/US2011/050373)
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[25] EN
[54] **OPTICAL STRUCTURES WITH NANOSTRUCTURE FEATURES AND METHODS OF USE AND MANUFACTURE**
[54] **STRUCTURES OPTIQUES AVEC DES CARACTERISTIQUES DE NANOSTRUCTURE ET PROCEDES D'UTILISATION ET DE FABRICATION**
[72] HONG, XIN, US
[72] MEADOWS, DAVID, US
[72] ZHAN, QIWEN, US
[72] KARAKELLE, MUTLU, US
[73] NOVARTIS AG, CH
[85] 2013-09-26
[86] 2012-04-04 (PCT/US2012/032088)
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[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **DETERMINING WELL INTEGRITY**
[54] **EVALUATION DE L'INTEGRITE D'UN PUITS**
[72] GONZALES, ADOLFO, US
[72] MITCHELL, ROBERT, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-09-27
[86] 2011-04-19 (PCT/US2011/033080)
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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING PUMP LINING WEAR**
[54] **SYSTEME ET PROCEDE POUR LA SURVEILLANCE D'USURE DE CHEMISAGE DE POMPE**
[72] PATTON, KENNETH, US
[73] CIRCOR PUMPS NORTH AMERICA, LLC, US
[85] 2013-09-30
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[51] **Int.Cl. F16G 11/10 (2006.01) E02D 5/80 (2006.01)**
[25] EN
[54] **GROUND STABILISING DEVICE**
[54] **DISPOSITIF DE STABILISATION AU SOL**
[72] FERREIRA, ANDRE, GB
[72] CLARKE, NEIL, GB
[73] GRIPPLE LIMITED, GB
[85] 2013-10-03
[86] 2012-04-02 (PCT/GB2012/000302)
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[30] GB (1106118.1) 2011-04-12
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[54] **A FIXTURE AND A FIXTURE SET**
[54] **FIXATION ET ENSEMBLE DE FIXATION**
[72] HANSSON, STIG, SE
[72] HALLDIN, ANDERS, SE
[73] DENTSPLY IH AB, SE
[85] 2013-10-04
[86] 2012-04-12 (PCT/EP2012/056725)
[87] (WO2012/140168)
[30] EP (11162478.9) 2011-04-14
[30] EP (11162481.3) 2011-04-14
[30] EP (11162464.9) 2011-04-14
[30] EP (11162468.0) 2011-04-14
[30] US (61/475,324) 2011-04-14
[30] US (61/475,327) 2011-04-14
[30] US (61/475,329) 2011-04-14
[30] US (61/475,331) 2011-04-14

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[51] **Int.Cl. B09C 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PHYTOREMEDIATION OF HEAVY METAL CONTAMINATED SITES**
[54] **PROCEDE POUR LA RECUPERATION DE SUBSTRATS QUI PRESENTENT DES DECHETS INDUSTRIELS**
[72] ORTIZ, CLAUDIA, CL
[72] WILKENS, MARCELA, CL
[72] CASTRO, SERGIO, CL
[72] ESPINACE, RAUL, CL
[72] VALENZUELA, PAMELA, CL
[72] PALMA, JUAN, CL
[73] UNIVERSIDAD DE SANTIAGO DE CHILE, CL
[85] 2013-10-11
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[30] CL (826-2011) 2011-04-13

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[13] C
[51] **Int.Cl. B29C 70/48 (2006.01) B29D 99/00 (2010.01) B29C 33/30 (2006.01)**
[25] FR
[54] **COMPACTING AND INJECTION MOULD FOR FIBROUS PREFORM INTENDED FOR THE MANUFACTURE OF A TURBOMACHINE FLOW-STRAIGHTENER VANE MADE OF COMPOSITE MATERIAL**
[54] **MOULE DE COMPACTAGE ET D'INJECTION POUR PREFORME FIBREUSE DESTINEE A LA FABRICATION D'UNE AUBE DE REDRESSEUR DE TURBOMACHINE EN MATERIAU COMPOSITE**
[72] PLANTE, ROMAIN, FR
[72] LACROIX, LISE, FR
[72] PATRIGEON, OLIVIER, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] BUREK, PASCAL, FR
[73] SNECMA, FR
[85] 2013-11-06
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[87] (WO2012/153039)
[30] FR (1154017) 2011-05-10

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[54] **HANGER**
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[73] THE JANGER LIMITED, GB
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[54] **A GLIDING PART TO BE FASTENED TO A FRAME OF A SAWING DEVICE**
[54] **PIECE COULISSANTE DEVANT ETRE FIXEE SUR UN CADRE D'UN DISPOSITIF DE SCIAGE**
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[54] **METHODS AND APPARATUSES FOR LOW-OVERHEAD WIRELESS BEACONS HAVING NEXT FULL BEACON TIME INDICATIONS**
[54] **METHODES ET APPAREILS POUR BALISES SANS FIL A FAIBLE SURDEBIT COMPRENANTDES INDICATIONS DE BALISE PLEINE SUIVANTE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] FREDERIKS, GUIDO ROBERT, US
[72] MERLIN, SIMONE, US
[72] WENTINK, MAARTEN MENZO, US
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[54] **SYSTEME DE CONTROLE ET DE SURVEILLANCE D'UN AERONEF**
[72] SEBAA, JEROME GUY ROGER, FR
[72] BON, FABRICE, FR
[73] SNECMA, FR
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[54] **TOOL FOR REMOVING THE SEALANT FROM A PROTRUDING FASTENER**
[54] **OUTIL POUR RETIRER L'AGENT DE SCELLEMENT A PARTIR D'UN ELEMENT DE FIXATION SAILLANT**
[72] HAMILTON, JEFFREY W, US
[72] STAVIG, PAUL N., JR, US
[72] FULLER, MARK D, US
[73] THE BOEING COMPANY, US
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[54] **PRINTER FOR MINIMIZING ADVERSE MIXING OF HIGH AND LOW LUMINANCE INKS AT NOZZLE FACE OF INKJET PRINTHEAD**
[54] **IMPRIMANTE POUR MINIMISER UN MELANGE DEFAVORABLE D'ENCRES DE LUMINANCES ELEVEE ET FAIBLE AU NIVEAU D'UNE FACE DE BUSES DE TETE D'IMPRESSION A JET D'ENCRE**
[72] PRASHAR, JOGNANDAN KUMAR, AU
[72] BISSON, ADRIAN PETER, AU
[72] BROWN, BRIAN ROBERT, AU
[72] JARAMILLO, GALO DAVID, AU
[72] JURCEVIC, MILE, AU
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[54] **ENSEMBLE TUBE RALLONGE D'INJECTEUR SANS AIGUILLE**
[72] MENASSA, KARIM, CA
[72] MENASSA, MAURICE, CA
[72] GADOUA, ADAM, CA
[73] IDEE INTERNATIONAL R&D INC., CA
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[54] **AMELIORATION DE LA FLAVEUR D'UNE BIERE PAR UNE ASSOCIATION DE LEVURE DE TYPE PICHIA ET DE DIFFERENTES VARIETES DE HOUBLON.**
[72] SARENS, SOFIE, BE
[72] SWIEGERS, JAN HENDRIK, DK
[73] CHR. HANSEN A/S, DK
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[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING BUILDUP OF TWINE AND NETWRAP ON THE ROTOR OF A BALE PROCESSOR**
[54] **PROCEDE ET APPAREIL POUR EMPECHER L'ACCUMULATION D'UNE FICELLE ET D'UN FILET SUR LE ROTOR D'UN PROCESSEUR DE BALLE**
[72] GRAHAM, LUCAS B., US
[72] RIVELAND, SHAUN M., US
[72] STAM, PHILIP D., US
[73] VERMEER MANUFACTURING COMPANY, US
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[54] **PROCESS FOR CLEANING AND SANITIZING SURGICAL INSTRUMENTS IN GENERAL AND DEVICE SUITED TO IMPLEMENT SAID PROCESS**
[54] **PROCEDE DE NETTOYAGE ET D'ASSAINISSEMENT D'INSTRUMENTS CHIRURGICAUX D'UNE MANIERE GENERALE ET DISPOSITIF APPROPRIE POUR METTRE EN □UVRE LEDIT PROCEDE**
[72] SOMMACAL, ALESSANDRO PAOLO, IT
[73] BICAR JET S.R.L., IT
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[54] **METHOD AND APPARATUS FOR SOFT BUFFER PROCESSING**
[54] **PROCEDE ET APPAREIL PERMETTANT UN TRAITEMENT DE MEMOIRE TAMPON LOGICIELLE**
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[72] SUN, CHENGJUN, CN
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **AXIAL TURBOMACHINE STATOR WITH AILERONS AT THE BLADE ROOTS**
[54] **STATOR DE TURBOMACHINE AXIAL A AILERONS AUX EMPLANTURES DES AILETTES**
[72] DERCLAYE, ALAIN, BE
[72] DEPAEPE, DAVID, BE
[73] SAFRAN AERO BOOSTERS SA, BE
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[54] **METHODS USING ACYL-COENZYME A-BINDING PROTEINS TO ENHANCE DROUGHT TOLERANCE IN GENETICALLY MODIFIED PLANTS**
[54] **PROCEDES A L'AIDE DE PROTEINES DE LIAISON A L'ACYL-COENZYME A POUR AMELIORER LA TOLERANCE A LA SECHERESSE DANS DES PLANTES GENETIQUEMENT MODIFIEES**
[72] CHYE, MEELEN, CN
[72] DU, ZHIYAN, CN
[72] CHEN, MOXIAN, CN
[73] VERSITECH LIMITED, CN
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[54] **SYSTEMES ET PROCEDES ANTI-LOGICIEL MALVEILLANT D'ETABLISSEMENT DE LISTE BLANCHE FLOUE**
[72] TOPAN, I. VLAD, RO
[72] DUDEA, V. SORIN, RO
[72] CANJA, D. VIOREL, RO
[73] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **PROCEDE DE REALISATION D'UN CONNECTEUR ENFICHABLE**
[72] ZEBHAUSER, MARTIN, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **SIGNAL PROCESSING OF LAMB WAVE DATA FOR PIPE INSPECTION**
[54] **DONNEES D'ONDES DE LAMB SOUMISES A UN TRAITEMENT DE SIGNAL POUR INSPECTER UN TUYAU**
[72] HART, GLENN G., US
[72] KIRBY, MARK W., US
[72] LEONARD, DAVID S., US
[72] LAREAU, JOHN P., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
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[54] **LASER BASED SYSTEM FOR BITUMEN CONTENT DETERMINATION, E.G., USING DISCRETE WAVELENGTH SPECTROSCOPIC ANALYSIS**
[54] **SYSTEME FONDE SUR LE LASER CONCU POUR DETERMINER UNE TENEUR EN BITUME, PAR EXEMPLE, AU MOYEN D'UNE ANALYSE SPECTROSCOPIQUE FAISANT INTERVENIR DES LONGUEURS D'ONDE DISCRETES**
[72] DAVIS, MICHAEL A., US
[72] FERNALD, MARK R., US
[73] CIDRA CORPORATE SERVICES INC., US
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[54] **DEVICE AND METHOD FOR PURIFYING AND RECYCLING SHOWER WATER**
[54] **DISPOSITIF ET PROCEDE POUR PURIFIER ET RECYCLER DES EAUX DE DOUCHE**
[72] MAHDJOUBI NAMIN, AMIR MEHRDAD, SE
[73] ORBITAL SYSTEMS AB, SE
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[54] **NOUVEAU SYSTEME DE RENFORT**
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[73] BUTLER, JAMES J., US
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[54] **SOLAR ROOF SHINGLES AND UNDERLAYMENT WITH WIRELESS POWER TRANSFER**
[54] **BARDEAUX DE TOITURE SOLAIRES ET SOUS-COUCHE TRANSFERT DE PUISSANCE SANS FIL**
[72] MEHTA, VINAY, US
[72] CHICH, ADEM, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[54] **FLUID DEFLECTION TRANSFORMER TANK**
[54] **RESERVOIR DE TRANSFORMATEUR A DEVIATION DE FLUIDE**
[72] SULLIVAN, ELIZABETH D., US
[72] ELZEY, DAVID B., US
[72] LOWRY, PAUL S., US
[73] ABB SCHWEIZ AG, CH
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[54] **CAN COMPRISING A FIRST, DISPENSE OPENING AND SECOND, VENT OPENING**
[54] **BOITE COMPRENANT UNE PREMIERE OUVERTURE DE DISTRIBUTION ET UNE DEUXIEME OUVERTURE D'AERATION**
[72] NEINER, CHRISTOPHER, US
[73] ANHEUSER-BUSCH INBEV S.A., BE
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[54] **POSITIONING SPACER, ENERGY-STORAGE MODULE USING SAID SPACER AND METHOD FOR ASSEMBLING THE MODULE**
[54] **ENTRETOISE DE POSITIONNEMENT, MODULE DE STOCKAGE D'ENERGIE L'UTILISANT ET PROCEDE D'ASSEMBLAGE DU MODULE**
[72] LE BIHAN, LUDOVIC, FR
[72] LE GALL, LAURENT, FR
[72] SAGEL, PHILIPPE, FR
[72] JUVENTIN - MATHES, ANNE-CLAIRE, FR
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[54] **METHOD AND DEVICE FOR PRECISION CUTTING OF WORKPIECES IN A PRESS**
[54] **PROCEDE ET DISPOSITIF DE DECOUPAGE DE PRECISION DE PIECES A USINER DANS UNE PRESSE**
[72] ZIESEL, NORBERT, DE
[72] WITTIG, AXEL, DE
[73] WEBO WERKZEUGBAU OBERSCHWABEN GMBH, DE
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[54] **STEP-CLIMBING ATTACHMENT FOR A WHEELED CHAIR**
[54] **FIXATION DE MARCHEPIED POUR UN FAUTEUIL ROULANT**
[72] BEHRENS, MICHAEL, AU
[73] MOBILITY 2000 (AUSTRALIA) LIMITED, AU
[73] UNIVERSITY OF TECHNOLOGY, SYDNEY, AU
[85] 2014-08-07
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[54] **DISPOSITIF A AIR COMPRIME POUR LE CONTROLE DE VANNES**
[72] VILLERET, GUILLAUME ANDRE RENE, FR
[72] TADINO, VINCENT LUC ANTOINE, BE
[73] OUT AND OUT CHEMISTRY SPRL, BE
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[25] EN
[54] **USE OF SMALL MOLECULE INHIBITORS TARGETING THE INTERACTION BETWEEN RAC GTPASE AND P67(PHOX)**
[54] **UTILISATION D'INHIBITEURS A PETITES MOLECULES CIBLANT L'INTERACTION ENTRE RAC GTPASE ET P67(PHOX)**
[72] ZHENG, YI, US
[72] JAGTAP, PRAKASH, US
[72] BOSCO, EMILY, E., US
[72] MELLER, JAROSLAW, US
[72] FILIPPI, MARIE-DOMINIQUE, US
[73] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[25] EN
[54] **INTEGRATED STRUCTURE ELECTRO-HYDRAULIC VALVE**
[54] **VANNE ELECTRO-HYDRAULIQUE A STRUCTURE INTEGREE**
[72] KOPP, JOHN, US
[72] MAZURKIEWICZ, CHRISTOPHER, US
[73] MOOG INC., US
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[54] **COMMANDE DE RECHERCHE DE PERFORMANCE DE MOTEUR A TURBINE A GAZ**
[72] KHALID, SYED JALALUDDIN, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2014-08-15
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[25] EN
[54] **PROCESS AND APPARATUS FOR REMOVING CONTAMINANTS FROM A GAS STREAM**
[54] **PROCEDE ET APPAREIL D'ELIMINATION DE CONTAMINANTS A PARTIR D'UN COURANT DE GAZ**
[72] MCILROY, CHRISTOPHER B., US
[72] HARNESS, JOHN R., US
[72] PALLA, NAGARAJU, US
[72] SUBRIS, RONALD K., US
[72] VAN DYKE, STEPHEN J., US
[73] UOP LLC, US
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[51] **Int.Cl. A61H 3/04 (2006.01) A61G 7/10 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND DEVICE FOR PATIENT ASSIST**
[54] **SYSTEME DE COMMANDE ET DISPOSITIF D'AIDE AUX PATIENTS**
[72] MORBI, ALIASGAR, CA
[72] AHMADI, MOJTABA, CA
[72] BERANEK, RICHARD, CA
[73] GAITTRONICS INC., CA
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[25] EN
[54] **SYSTEM AND METHOD TO TREAT A MULTIPHASE STREAM**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN FLUX MULTIPHASE**
[72] WHITNEY, SCOTT M., US
[72] GRAVE, EDWARD J., US
[72] FOWLER, TRACY A., US
[73] EXXONMOBILE UPSTREAM RESEARCH COMPANY, US
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[54] **SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE**
[54] **SYSTEME ET PROCEDE POUR COMMANDER UNE EOLIENNE**
[72] DRAPER, SAMUEL DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **MAGNETIC RETRIEVAL APPARATUS**
[54] **APPAREIL DE RECUPERATION MAGNETIQUE**
[72] SULLIVAN, MICHAEL K., US
[72] MEEKS, ARTHUR WARREN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2869299)
[87] (2869299)
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[25] EN
[54] **SYSTEMS AND METHODS FOR MANUFACTURING MULTI-COMPARTMENT PRODUCTS CONTAINING WET AND DRY COMPONENTS**
[54] **SYSTEMES ET PROCEDES DE FABRICATION DE PRODUITS A PLUSIEURS COMPARTIMENTS CONTENANT DES COMPOSANTS MOUILLES ET SECS**
[72] BRANNAN, MICHAEL ROBERT, US
[72] CHAPPELL, RUSSELL LEON, JR., US
[72] DZIKOWICZ, ANTHONY EDWARD, US
[72] MANN, JASON EVERETT, US
[72] MISHRA, DHARMENDRA KUMAR, US
[72] PETERSON, SCOTT DAVID, US
[72] SARACHMAN, MICHAEL JOHN, US
[73] NESTEC S.A., CH
[85] 2014-10-03
[86] 2013-01-03 (PCT/IB2013/050070)
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[30] US (61/619,959) 2012-04-04
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[25] EN
[54] **SYSTEMS, DEVICES, AND/OR METHODS FOR MANAGING IMPLANTABLE DEVICES**
[54] **SYSTEMES, DISPOSITIFS ET/OU PROCEDES DE GESTION DE DISPOSITIFS IMPLANTABLES**
[72] VAN HEUGTEN, ANTHONY, US
[72] ZYCHICK, JOEL, US
[73] E-VISION SMART OPTICS, INC., US
[85] 2014-10-08
[86] 2013-04-19 (PCT/US2013/037331)
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[30] US (61/636,969) 2012-04-23
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[25] EN
[54] **METHODS FOR EXPANDING AND ENRICHING HYDROCARBON DILUENT POOLS**
[54] **PROCEDES POUR LA DILATATION ET L'ENRICHISSEMENT DE MELANGES DE DILUANTS D'HYDROCARBURES**
[72] MATTINGLY, LARRY D., US
[72] ANDREWS, RONNIE D., US
[73] TEXON LP, US
[85] 2014-10-16
[86] 2013-04-30 (PCT/US2013/038761)
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[25] EN
[54] **ELECTRODE STRUCTURE OF SOLID TYPE SECONDARY BATTERY**
[54] **STRUCTURE D'ELECTRODE POUR BATTERIE RECHARGEABLE A ELECTROLYTE SOLIDE**
[72] KUDOH, TAKUO, JP
[72] HIWADA, KIYOYASU, JP
[72] NAKAZAWA, AKIRA, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD, JP
[85] 2014-11-05
[86] 2012-06-06 (PCT/JP2012/064593)
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[51] **Int.Cl. B01D 45/08 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **A DESANDING APPARATUS AND A METHOD OF USING THE SAME**
[54] **APPAREIL DE DESABLAGE ET SON PROCEDE D'UTILISATION**
[72] HEMSTOCK, CHRISTOPHER A., CA
[72] KMICIK, WARREN, CA
[73] SPECIALIZED DESANDERS INC., CA
[86] (2873355)
[87] (2873355)
[22] 2014-12-05
[30] CA (2,836,437) 2013-12-16
[30] US (62/087,604) 2014-12-04

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[51] **Int.Cl. D21H 17/33 (2006.01) D21H 17/01 (2006.01) D21H 17/25 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF MAKING PAPER PRODUCTS**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION DE PRODUITS DE PAPIER**
[72] CHEN, JUNHUA, US
[72] LU, CHEN, US
[72] ROSENCRANCE, SCOTT, US
[72] ZIMMERMANN, FRANK, US
[73] KEMIRA OYJ, FI
[85] 2014-12-12
[86] 2013-06-17 (PCT/US2013/046102)
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[25] FR
[54] **METHOD FOR CHARGING A BATTERY AND BATTERY THUS CHARGED**
[54] **PROCEDE DE CHARGE D'UNE BATTERIE ET BATTERIE AINSI CHARGEE**
[72] JESTIN, JEAN-JACQUES, FR
[72] HINGANT, DOMINIQUE, FR
[73] BLUE SOLUTIONS, FR
[85] 2014-12-17
[86] 2013-07-02 (PCT/EP2013/063975)
[87] (WO2014/009211)
[30] FR (1256625) 2012-07-10

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[51] **Int.Cl. F28D 20/02 (2006.01) F03D 9/10 (2016.01) F03G 6/06 (2006.01)**
[25] EN
[54] **THERMAL HEAT STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE LA CHALEUR**
[72] BALDWIN, DAVID, US
[73] SUNLIGHT POWER, INC., US
[85] 2015-01-16
[86] 2013-06-13 (PCT/US2013/045634)
[87] (WO2013/188653)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PASSIVE DEICING**
[54] **DISPOSITIFS ET METHODES DE DEGLACAGE PASSIF**
[72] SAPPER, ERIK DAVID, US
[72] ZWEIG, ANDREW M., US
[73] THE BOEING COMPANY, US
[86] (2879734)
[87] (2879734)
[22] 2015-01-22
[30] US (14/201,344) 2014-03-07

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[25] EN
[54] **SWING CHAMBER PUMP (SCP)**
[54] **POMPE A CHAMBRE OSCILLANTE (SCP)**
[72] WANG, JIANSHE (JAMES), CA
[73] WGM TECHNOLOGIES INC., CA
[85] 2015-01-30
[86] 2013-08-09 (PCT/CA2013/050616)
[87] (WO2014/022940)
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[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE**
[72] ESENLIK, SEMIH, DE
[72] NARROSCHKE, MATTHIAS, DE
[72] WEDI, THOMAS, DE
[73] SUN PATENT TRUST, US
[85] 2015-02-20
[86] 2013-09-05 (PCT/JP2013/005269)
[87] (WO2014/049980)
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[25] EN
[54] **APPARATUS AND METHOD FOR MAGNETICALLY UNLOADING A ROTOR BEARING**
[54] **APPAREIL ET PROCEDE POUR DECHARGER MAGNETIQUEMENT UN PALIER DE ROTOR**
[72] SANDERS, SETH ROBERT, US
[73] AMBER KINETICS, INC., US
[85] 2015-02-19
[86] 2013-08-22 (PCT/US2013/056283)
[87] (WO2014/031905)
[30] US (61/692,631) 2012-08-23

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[25] EN
[54] **SYSTEM AND METHOD FOR DOWNLOADING AN ELECTRONIC PRODUCT TO A PIN-PAD TERMINAL USING A DIRECTLY-TRANSMITTED ELECTRONIC SHOPPING BASKET ENTRY**
[54] **SYSTEME ET METHODE DE TELECHARGEMENT D'UN PRODUIT ELECTRONIQUE VERS UN TERMINAL A CLAVIER A NIP APRES UNE ENTREE DE PANIER D'ACHATS ELECTRONIQUE TRANSMISE DIRECTEMENT**
[72] GLEESON, BRYAN MICHAEL, CA
[72] HAYHOW, ROBERT, CA
[72] DUNSTAN, JOHN HENRY, CA
[73] THE TORONTO-DOMINION BANK, CA
[86] (2883304)
[87] (2883304)
[22] 2015-02-27
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[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A CHANGE IN PRESSURE PROPORTIONAL TO FLUID VISCOCITY**
[54] **SYSTEME ET PROCEDE POUR GENERER UN CHANGEMENT DE PRESSION PROPORTIONNEL A UNE VISCOSITE DE FLUIDE**
[72] BREKKE, KRISTIAN, NO
[73] FLOWPRO WELL TECHNOLOGY AS, NO
[85] 2015-03-06
[86] 2014-01-07 (PCT/EP2014/050127)
[87] (WO2014/106659)
[30] US (13/735,258) 2013-01-07

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[25] EN
[54] **TREATING MATERIALS WITH COMBINED ENERGY SOURCES**
[54] **TRAITEMENT DE MATIERES AVEC DES SOURCES D'ENERGIE COMBINEES**
[72] MISTRY, PRAVIN, US
[73] MTIX LIMITED, GB
[85] 2014-12-29
[86] 2012-12-25 (PCT/US2012/071596)
[87] (WO2014/003822)
[30] US (13/536,257) 2012-06-28

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[51] **Int.Cl. A61B 5/04 (2006.01)**
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[54] **MEDICAL AMPLIFIER ISOLATION**
[54] **ISOLATION POUR AMPLIFICATEUR MEDICAL**
[72] BIEL, ARKADIUSZ, CA
[72] WODLINGER, HAROLD, CA
[72] FINE, RICHARD M., CA
[73] CARDIOINSIGHT TECHNOLOGIES, INC., US
[85] 2015-04-10
[86] 2013-10-11 (PCT/US2013/064595)
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[25] EN
[54] **REDUNDANT SEAL APPARATUS AND METHOD**
[54] **APPAREIL A JOINT REDONDANT ET PROCEDE**
[72] DEUTSCH, ERIC J., US
[72] MACKLIN, MICHAEL G., US
[72] KUTTEL, BEAT, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2015-04-14
[86] 2013-10-17 (PCT/US2013/065425)
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[30] US (13/665,332) 2012-10-31

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[51] **Int.Cl. H04N 5/232 (2006.01) H04W 4/12 (2009.01) H04N 5/247 (2006.01)**
[25] EN
[54] **AUTONOMOUS SYSTEMS AND METHODS FOR STILL AND MOVING PICTURE PRODUCTION**
[54] **SYSTEMES AUTONOMES ET PROCEDES DE PRODUCTION D'IMAGES FIXES ET ANIMEES**
[72] DEANGELIS, DOUGLAS J., US
[72] SIGEL, KIRK, US
[72] EVANSEN, EDWARD G., US
[73] LYNX SYSTEM DEVELOPERS, INC., US
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[22] 2007-12-04
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[54] **A METHOD OF NUCLEIC ACID SEQUENCING COMPRISING FIRST AND SECOND FLOW CELLS**
[54] **UNE METHODE DE SEQUENCAGE D'ACIDE NUCLEIQUE RENFERMANT UNE PREMIERE ET UNE DEUXIEME CUVES A CIRCULATION**
[72] GORDON, STEVEN J., US
[72] AUGER, STEVEN, US
[72] SCHINAZI, ALAN, US
[73] INTELLIGENT BIOSYSTEMS INC., US
[86] (2891142)
[87] (2891142)
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[54] **SHELF-STABLE FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE DE LONGUE CONSERVATION**
[72] ARORA, AKSHAY, US
[72] CONLEY, JILL, US
[72] WAITE, DANIELLE, US
[72] ENZ, JEFFREY F., US
[73] GENERAL MILLS, INC., US
[85] 2015-05-27
[86] 2013-05-28 (PCT/US2013/042800)
[87] (WO2014/084899)
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[51] **Int.Cl. B65D 65/42 (2006.01) C09D 129/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COATED PACKAGING MATERIAL AND PACKAGING MATERIAL WITH AT LEAST ONE BARRIER LAYER FOR HYDROPHOBIC COMPOUNDS**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU D'EMBALLAGE MUNI D'UN REVETEMENT ET MATERIAU D'EMBALLAGE POURVU D'AU MOINS UNE COUCHE DE BARRAGE POUR DES COMPOSES HYDROPHOBES**
[72] ZISCHKA, MICHAEL, AT
[72] SPANRING, JULIA, AT
[72] REISCHL, MARTIN, AT
[73] MAYR-MELNHOF KARTON AG, AT
[85] 2015-06-05
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[25] EN
[54] **MOBILE DEVICE APPLICATION FOR ACCESSING A PRESENTATION UPLOADED TO A PRESENTATION SERVER AND PRESENTING A PRESENTATION OFFLINE**
[54] **APPLICATION DE DISPOSITIF MOBILE POUR ACCEDER A UNE PRESENTATION TELEVERSEE SUR UN SERVEUR DE PRESENTATION ET PRESENTER UNE PRESENTATION HORS LIGNE**
[72] LIEB, ADAM MICHAEL, US
[72] ACERBETTI, STEFANO, US
[73] CLEARSLIDE, INC., US
[85] 2015-06-10
[86] 2013-12-11 (PCT/US2013/074418)
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[30] US (61/736,505) 2012-12-12
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[25] EN
[54] **PRESSED PAPERBOARD SERVINGWARE WITH ARCHED BOTTOM PANEL AND SHARP BRIM TRANSITION**
[54] **USTENSILE DE SERVICE EN CARTON COMPRIME DOTE D'UN PANNEAU INFERIEUR VOUTE ET UNE TRANSITION DE BORD NETTE**
[72] LITTLEJOHN, MARK B., US
[73] GPCP IP HOLDINGS LLC, US
[86] (2896183)
[87] (2896183)
[22] 2008-10-29
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[54] **APPARATUS FOR IMPROVED DISEASE DETECTION**
[54] **APPAREIL PERMETTANT D'AMELIORER LA DETECTION DE MALADIES**
[72] YU, CHRIS C., US
[72] DU, XUEDONG, CN
[73] ANPAC BIO-MEDICAL SCIENCE (LISHUI) CO., LTD., CN
[85] 2015-07-03
[86] 2014-01-07 (PCT/CN2014/070219)
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[30] US (61/749,661) 2013-01-07

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[51] **Int.Cl. D21H 17/45 (2006.01) D21H 21/10 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF PAPER AND PAPERBOARD**
[54] **PROCEDE POUR LA FABRICATION DE PAPIER ET DE CARTON**
[72] GRAY, CHRISTOPHER ALAN, DE
[72] MOORMANN-SCHMITZ, ANTONIUS, DE
[72] MEIXNER, HUBERT, DE
[72] SANCHEZ CERRO, LUIS MIGUEL, DE
[72] MUHLENBERND, THOMAS, DE
[72] JEHN-RENDU, CHRISTIAN, CN
[73] BASF SE, DE
[85] 2015-07-03
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[30] EP (PCT/CN2013/070355) 2013-01-11

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[25] EN
[54] **MEASURING HEMATOCRIT AND ESTIMATING HEMOGLOBIN VALUES WITH A NON-INVASIVE, OPTICAL BLOOD MONITORING SYSTEM**
[54] **MESURE D'HEMATOCRITE ET ESTIMATION DES VALEURS D'HEMOGLOBINE AVEC UN SYSTEME DE SURVEILLANCE DE SANG OPTIQUE NON INVASIF**
[72] BARRETT, LOUIS L., US
[72] PETERSON, DAVID W., US
[72] SAMMANN, KRISTIAN A., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[86] (2898026)
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[25] EN
[54] **METHODS TO CHARACTERIZE FRACTURE PLUGGING EFFICIENCY FOR DRILLING FLUIDS**
[54] **PROCEDES POUR CARACTERISER L'EFFICACITE DU BOUCHAGE D'UNE FRACTURE POUR DES FLUIDES DE FORAGE**
[72] KULKARNI, SANDEEP D., IN
[72] SAVARI, SHARATH, IN
[72] KUMAR, ARUNESH, IN
[72] MILLER, MATTHEW L., US
[72] MURPHY, ROBERT J., US
[72] JAMISON, DALE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[87] (2901285)
[22] 2012-05-17
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[25] EN
[54] **METHOD AND COMPOSITION FOR PREVENTING OXIDATION**
[54] **PROCEDE ET COMPOSITION POUR EMPECHER L'OXYDATION**
[72] VITALE, ROBERT W., US
[72] DETLOFF, CHERYL L., US
[73] MIDWEST INDUSTRIAL SUPPLY, INC., US
[85] 2015-08-13
[86] 2014-04-25 (PCT/US2014/035515)
[87] (WO2014/176537)
[30] US (61/816,006) 2013-04-25

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[25] EN
[54] **REACTIVE SURFACE COATING HAVING CHEMICAL DECONTAMINATION AND BIOCIDAL PROPERTIES**
[54] **REVETEMENT REACTIF DE SURFACE PRESENTANT DES PROPRIETES DE DECONTAMINATION CHIMIQUE ET BIOCIDES**
[72] KAISER, HERBERT J., US
[72] SHAVER, MIRANDA C., US
[72] GIDDENS, TIMOTHY LEE, US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2015-08-21
[86] 2014-02-19 (PCT/US2014/017135)
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[30] US (13/836,364) 2013-03-15

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[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/30 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **MIXED FLOW FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR HELICOCENTRIFUGE**
[72] BROWNELL, KYLE ANDREW, US
[73] GREENHECK FAN CORPORATION, US
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[25] EN
[54] **RECOMBINANT PLANT CELLS, PRODUCTION METHOD THEREOF AND METHOD OF PRODUCING TARGET PROTEIN USING THE SAME**
[54] **CELLULE VEGETALE RECOMBINANTE, SON PROCEDE DE PREPARATION ET PROCEDE POUR PRODUIRE UNE PROTEINE CIBLE EN UTILISANT CETTE CELLULE**
[72] JANG, MI OK, KR
[72] PARK, BORA, KR
[72] LEE, SOO RAN, KR
[72] YANG, BO RIM, KR
[72] KIM, IL SUK, KR
[72] OH, IL SEOK, KR
[72] JIN, YOUNG WOO, KR
[72] LEE, EUN KYONG, KR
[73] WELLKEY HOLDINGS LIMITED, VG
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[54] **FIXED SPRAY APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATION DE VAPORISATION FIXE**
[72] NYE, JOHN R., US
[73] NYE, JOHN R., US
[85] 2015-08-27
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[54] **MECHANICAL LOCKING OF FLOOR PANELS**
[54] **VERROUILLAGE MECANIQUE DE PANNEAUX DE PLANCHER**
[72] BERGELIN, MARCUS, SE
[72] PERVAN, DARKO, SE
[72] PALSSON, AGNE, SE
[73] VALINGE INNOVATION AB, SE
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[54] **PARTITION SYSTEMS AND METHODS OF INSTALLING THE SAME**
[54] **SYSTEMES DE PARTITION ET METHODES D'INSTALLATION ASSOCIEES**
[72] BABIKIAN, DIKRAN, US
[73] BOBRICK WASHROOM EQUIPMENT, INC., US
[85] 2015-09-09
[86] 2014-03-13 (PCT/US2014/026478)
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[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS**
[54] **SYSTEME DESTINE A UN TRANSFERT FERME DE FLUIDES**
[72] MARICI, PAUL PAIA, US
[72] IVOSEVIC, MILAN, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2015-09-11
[86] 2014-03-12 (PCT/US2014/023941)
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[30] US (61/787,674) 2013-03-15
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[25] EN
[54] **METHODS OF TREATING A WELL WITH A FLUORINATED LUBRICANT OR CORROSION INHIBITOR**
[54] **PROCEDES DE TRAITEMENT DE PUITS AVEC UN LUBRIFIANT FLUORE OU INHIBITEUR DE CORROSION**
[72] MORRIS, KAY A., US
[72] DEVILLE, JAY P., US
[72] PEREZ, GREG P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-23
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[25] EN
[54] **AN APPARATUS AND A METHOD FOR TREATING A MEDICAL LIQUID AND A MEDICAL CASSETTE**
[54] **DISPOSITIF ET PROCEDE DESTINES AU TRAITEMENT D'UN FLUIDE MEDICAL, ET CASSETTE MEDICALE CORRESPONDANTE**
[72] GUNTHER, GOTZ, DE
[72] HACKER, JURGEN, DE
[72] KOHLER, MARKUS, DE
[72] LAUER, MARTIN, DE
[72] MULLER, RALF, DE
[72] SCHNEIDER, HANS-PETER, DE
[72] WEBER, TOBIAS, DE
[72] WEIS, MANFRED, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[87] (2908987)
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[25] EN
[54] **SUPERCRITICAL FLUID EXTRUDED FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE EXTRUDE A PARTIR D'UN FLUIDE SUPERCRITIQUE**
[72] GANJYAL, GIRISH, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2015-10-09
[86] 2014-05-16 (PCT/US2014/038433)
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[25] EN
[54] **METHOD FOR REFINING PROTEIN INCLUDING SELF-CUTTING CASSETTE AND USE THEREOF**
[54] **PROCEDE POUR RAFFINER UNE PROTEINE COMPRENANT UNE CASSETTE A AUTO-COUPURE ET SON UTILISATION**
[72] SONG, BYEONG DOO, KR
[72] YUN, JEE SUN, KR
[72] CHOI, HYO JUNG, KR
[72] KIM, HYE IN, KR
[72] LEE, EUNG-SUK, KR
[73] ABTLAS CO., LTD, KR
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[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL MOUNTABLE VEHICLE AND METHOD OF CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE A INSTALLER DANS UN VEHICULE ET METHODE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] YAMADA, TAKASHI, JP
[72] NAGANUMA, YOSHIAKI, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909874)
[87] (2909874)
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[25] EN
[54] **VEHICLE DRIVEN BY ELECTRIC MOTOR AND CONTROL METHOD FOR VEHICLE**
[54] **VEHICULE ENTRAINE PAR UN MOTEUR ELECTRIQUE ET METHODE DE COMMANDE DU VEHICULE**
[72] NISHIDA, YUSUKE, JP
[72] UMAYAHARA, KENJI, JP
[72] NADA, MITSUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2911941)
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[54] **ACTIVE MATTRESS SPINNER**
[54] **DISPOSITIF ACTIF DE ROTATION DE MATELAS**
[72] SCARLESKI, WILLIAM J., US
[73] LEVITATION SCIENCES LLC, US
[86] (2912004)
[87] (2912004)
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[25] EN
[54] **CORDYCEPS CICADAE MYCELIUM ACTIVE SUBSTANCES, PREPARATION METHOD, PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF**
[54] **SUBSTANCES ACTIVES DE CORDYCEPS CICADAE MYCELIUM, METHODE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET APPLICATION ASSOCIEE**
[72] LIN, PEI-CHENG, TW
[72] CHANG, HAN-HSIN, TW
[72] CHEN, CHIN-CHU, TW
[72] YEH, SHU-HSING, TW
[72] LEE, LI-YA, TW
[72] HSU, JUI-HSIA, TW
[73] GRAPE KING BIO LTD., TW
[86] (2912599)
[87] (2912599)
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[30] TW (104112814) 2015-04-22

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[25] EN
[54] **NA-Y MOLECULAR SIEVE AND PREPARATION METHODS THEREOF**
[54] **TAMIS MOLECULAIRE NA-Y ET METHODES DE PREPARATION ASSOCIEES**
[72] LIU, CHANG, CN
[72] WANG, FENGLAI, CN
[72] GUAN, MINGHUA, CN
[72] DU, YANZE, CN
[72] HUANG, WEI, CN
[72] ZHAO, HONG, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[86] (2913269)
[87] (2913269)
[22] 2015-11-24
[30] CN (201410711228.1) 2014-12-01
[30] CN (201410711208.4) 2014-12-01
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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **RECOVERY OF HYDROCARBONS FROM UNDERGROUND RESERVOIRS**
[54] **RECUPERATION DES HYDROCARBURES DES RESERVOIRS SOUTERRAINS**
[72] DUNCAN, GRANT, CA
[73] SUNCOR ENERGY INC., CA
[86] (2913609)
[87] (2913609)
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[11] **2,914,042**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PERFORMING LOCAL TRANSACTIONS**
[54] **PROCEDES ET APPAREIL PERMETTANT DE REALISER DES TRANSACTIONS LOCALES**
[72] SMETS, PATRIK, BE
[72] CATELAND, AXEL, BE
[72] ROBERTS, DAVE, GB
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2015-11-30
[86] 2014-06-03 (PCT/EP2014/061497)
[87] (WO2014/195320)
[30] GB (1309880.1) 2013-06-03

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[13] C
[51] **Int.Cl. B60N 2/821 (2018.01) B60N 2/812 (2018.01)**
[25] EN
[54] **BEARING FOR USE IN SLIDING HEAD RESTRAINT**
[54] **SUPPORT A UTILISER DANS UN APPUI-TETE COULISSANT**
[72] HAGAN, TIMOTHY J., US
[72] SANCHEZ, ABE, US
[72] HAINES, PAUL, GB
[72] JESSLER, HEIKO, DE
[72] MURPHY, BRANDON S., US
[72] DIMARTINO, VINCENT, US
[72] ECHIKSON, CHLOE, US
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2015-12-17
[86] 2014-06-26 (PCT/US2014/044328)
[87] (WO2014/210302)
[30] US (61/841,315) 2013-06-29
[30] US (61/841,316) 2013-06-29
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[25] EN
[54] **METHOD FOR JOINING METAL PARTS**
[54] **PROCEDE D'ASSEMBLAGE DE PIECES METALLIQUES**
[72] SJODIN, PER, SE
[72] WALTER, KRISTIAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2015-12-21
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[25] EN
[54] **CEMENT HEAD REMOTE CONTROL AND TRACKING**
[54] **COMMANDE ET SUIVI A DISTANCE DE TETE DE CIMENTATION**
[72] ROGOZINSKI, NICOLAS A., US
[72] ROGERS, HENRY E., US
[72] BUDLER, NICHOLAS FREDERICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS DE PULVERISATION D'ANTITRANSPIRANT ET COMPOSITIONS ANTITRANSPIRANTES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046577)
[87] (WO2015/009644)
[30] US (61/846,951) 2013-07-16
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS AEROSOLS ET COMPOSITIONS ANTIPERSPIRANTES ASSOCIEES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046579)
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[30] US (61/847,047) 2013-07-16
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[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS AEROSOLS ET COMPOSITIONS ANTIPERSPIRANTES ASSOCIEES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046580)
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[30] US (61/847,059) 2013-07-16
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[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING A FETUS DURING LABOR**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SURVEILLER UN F TUS PENDANT LE TRAVAIL**
[72] WARRICK, PHILIP A., CA
[72] HAMILTON, EMILY, CA
[73] PERIGEN, INC., US
[85] 2016-01-20
[86] 2013-08-16 (PCT/CA2013/000728)
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[30] US (61/693,642) 2012-08-27
[30] US (61/697,996) 2012-09-07
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[25] EN
[54] **HIGH EFFICIENCY ROLLER SHADE**
[54] **STORE A ENROULEMENT AUTOMATIQUE A HAUTE EFFICACITE**
[72] MULLET, WILLIS JAY, US
[72] BRUNK, DARRIN W., US
[72] WYSOCZYNSKI, CHRISTOPHER LEE, US
[72] ASBURY, HARRY EDWARD, US
[72] HAND, RICHARD SCOTT, US
[72] RODRIGUEZ, YAN, US
[72] BRUCKNER, BENJAMIN ANTHONY, US
[73] THE WATT STOPPER, INC., US
[86] (2919825)
[87] (2919825)
[22] 2011-02-23
[62] 2,790,725
[30] US (12/711,192) 2010-02-23

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[13] C
[51] **Int.Cl. H01H 71/74 (2006.01) H01H 71/40 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER INCLUDING ADJUSTABLE INSTANTANEOUS TRIP LEVEL AND METHODS OF OPERATING SAME**
[54] **DISJONCTEUR COMPORTANT UN NIVEAU DECLENCHEUR INSTANTANE REGLABLE ET METHODE D'UTILISATION DUDIT DISJONCTEUR**
[72] WATFORD, RUSSELL THOMAS, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2922376)
[87] (2922376)
[22] 2016-03-03
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[25] EN
[54] **PLY ARCHITECTURE FOR INTEGRAL PLATFORM AND DAMPER RETAINING FEATURES IN CMC TURBINE BLADES**
[54] **ARCHITECTURE DE PLI POUR UNE PLATE-FORME INTEGREE ET DES ELEMENTS DE RETENUE D'AMORTISSEUR DANS DES PALES DE TURBINE EN COMPOSITE A MATRICE CERAMIQUE**
[72] KLEINOW, CHAD DANIEL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-02-26
[86] 2014-09-11 (PCT/US2014/055205)
[87] (WO2015/080781)
[30] US (61/876,589) 2013-09-11

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[25] EN
[54] **COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE**
[72] GREENHILL, ZACHARY R., US
[72] AVNIEL, YUVAL, US
[72] BELBRUNO, JOSEPH J., US
[73] GREENHILL ANTIBALLISTICS CORPORATION, US
[86] (2923361)
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[22] 2009-08-11
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[30] WO (PCT/US2008/072808) 2008-08-11
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[51] **Int.Cl. E21B 37/08 (2006.01) E21B 27/00 (2006.01) E21B 34/10 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **DOWNHOLE DEBRIS RETRIEVER**
[54] **TIGE DE RECUPERATION DE DEBRIS EN FOND DE TROU**
[72] WILSON, TIMOTHY L., US
[72] ODELL, ALBERT C., II, US
[72] HARRALL, SIMON J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-03-08
[86] 2014-09-16 (PCT/US2014/055864)
[87] (WO2015/042043)
[30] US (61/879,385) 2013-09-18
[30] US (14/486,915) 2014-09-15

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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **PRIMARY CHANNEL DETERMINATION IN WIRELESS NETWORKS**
[54] **DETERMINATION DE CANAL PRINCIPAL DANS DES RESEAUX SANS FIL**
[72] BAIK, EUGENE JONG-HYON, US
[72] TIAN, BIN, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-04-07
[86] 2014-09-16 (PCT/US2014/055817)
[87] (WO2015/069381)
[30] US (61/901,416) 2013-11-07
[30] US (14/487,028) 2014-09-15

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[25] EN
[54] **PRESSURE SWING ADSORPTION PROCESS FOR ENHANCED SEPARATION OF LIGHTER FROM HEAVIER SPECIES**
[54] **PROCEDE D'ADSORPTION DE BASCULE DE PRESSION DESTINE A AMELIORER LA SEPARATION D'ESPECES PLUS LEGERES DES ESPECES PLUS LOURDES**
[72] RITTER, JAMES A., US
[72] EBNER, ARMIN D., US
[72] HO, JASON G.S., US
[73] APACHE CORPORATION, US
[86] (2929915)
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[54] **DEVICE AND METHOD FOR PROCESSING CONCRETE BLOCKS**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE BLOCS DE BETON**
[72] METTEN, MICHAEL, DE
[73] METTEN STEIN + DESIGN GMBH & CO. KG, DE
[86] (2930785)
[87] (2930785)
[22] 2016-05-24
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[54] **SUPERSONIC SHOCK WAVE REACTORS, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **REACTEURS A ONDE DE CHOC SUPERSONIQUE AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] MATTICK, ARTHUR T., US
[72] STEVENS, CARL J., US
[72] CERFF, ROBERT, US
[72] HANSEN, VIGGO, US
[72] KNOWLEN, CARL, US
[73] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[73] UOP LLC, US
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[54] **LEVER BINDER**
[54] **PALAN A LEVIER**
[72] MCNEILLY, CECIL, CA
[73] MCNEILLY, CECIL, CA
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION, COMPRISING PHOSPHATE BINDER PARTICLES**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES PARTICULES DE CHELATEUR DE PHOSPHATE**
[72] CHOFFLON, LAURENT, CH
[72] PHILIPP, ERIK, CH
[73] VIFOR (INTERNATIONAL) AG, CH
[85] 2016-05-19
[86] 2014-11-26 (PCT/EP2014/075640)
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[25] EN
[54] **BETA MOLECULAR SIEVE, PREPARATION METHOD THEREFOR AND HYDROGENATION CATALYST CONTAINING SAME**
[54] **TAMIS BETA MOLECULAIRE, PROCEDE DE PREPARATION ASSOCIE ET CATALYSEUR D'HYDROGENATION LE CONTENANT**
[72] LIU, CHANG, CN
[72] WANG, FENGLAI, CN
[72] WANG, KEQI, CN
[72] DU, YANZE, CN
[72] ZHAO, HONG, CN
[72] GUAN, MINGHUA, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[85] 2016-05-25
[86] 2014-10-28 (PCT/CN2014/089699)
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[51] **Int.Cl. E04H 12/12 (2006.01) E02D 27/42 (2006.01) E04H 12/16 (2006.01) E04H 12/18 (2006.01)**
[25] EN
[54] **WIND TURBINE COMPRISING A SEGMENTED TOWER AND FOUNDATION**
[54] **EOLIENNE POURVUE D'UN MAT ET D'UNE EMBASE COMPOSEE DE PLUSIEURS SEGMENTS**
[72] KRAFT, MARTIN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2016-05-25
[86] 2014-12-04 (PCT/EP2014/076601)
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[54] **BIDIRECTIONAL MOSFET SWITCH AND MULTIPLEXER**
[54] **INTERRUPTEUR MOSFET BIDIRECTIONNEL ET MULTIPLEXEUR**
[72] HENGL, RUDI, DE
[72] REUTER, CHRISTIAN, DE
[73] WEETECH GMBH, DE
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[87] (2932698)
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[25] EN
[54] **FALL PROTECTION APPARATUS WITH A MAST AND BOOM**
[54] **APPAREIL DE PROTECTION ANTI-CHUTE DOTE D'UN MAT ET D'UN BRAS**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
[86] (2933210)
[87] (2933210)
[22] 2016-06-16
[30] US (62183964) 2015-06-24
[30] CA (2903567) 2015-09-08

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[25] EN
[54] **SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] MACPHERSON, CHARLES DOUGLAS, US
[72] VENDETTE, DENIS GERARD, CA
[73] NANOTECH SECURITY CORP., CA
[85] 2016-06-30
[86] 2016-03-21 (PCT/CA2016/050322)
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[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INJECTION NEEDLE COVERING SYSTEM**
[54] **SYSTEME DE RECOUVREMENT D'AIGUILLE D'INJECTION**
[72] FOURT, JESSE ARNOLD, US
[72] KOEHLER, JEREMY CHRISTOPHER, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-07-12
[86] 2015-02-06 (PCT/US2015/014722)
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[25] EN
[54] **LENS COVER MODIFICATION**
[54] **MODIFICATION DE PROTECTION DE LENTILLE**
[72] WU, I-CHING, US
[72] HSU, THOMAS, US
[72] HSU, SENZEN, US
[72] STIGGELBOUT, JOHN, US
[72] SMITH, TORREY, US
[72] WEI, HUNGWEN, US
[72] SIE, MENGJHE, US
[73] MEDEON BIODESIGN, INC., US
[85] 2016-07-15
[86] 2014-12-19 (PCT/US2014/071491)
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[51] **Int.Cl. G06Q 10/06 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **TOTAL ASSET MODELING WITH INTEGRATED ASSET MODELS AND PERSISTENT ASSET MODELS**
[54] **MODELISATION DES ACTIFS TOTAUX AVEC DES MODELES D'ACTIFS INTEGRES ET DES MODELES D'ACTIFS PERSISTANTS**
[72] ORTIZ, THOMAS MANUEL, US
[72] CUDE, RONALD GORDON, US
[72] GERMAIN, OLIVIER ROGER, US
[72] REID, LAURENCE, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[51] **Int.Cl. B81B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UNE PIECE**
[72] GEIGER, WOLFRAM, DE
[72] BRENG, UWE, DE
[72] HAFEN, MARTIN, FR
[72] SPAHLINGER, GUENTER, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2016-07-19
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[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/00 (2006.01) A61M 5/42 (2006.01)**
[25] EN
[54] **WEARABLE ELECTRONIC DEVICE FOR ENHANCING VISUALIZATION DURING INSERTION OF AN INVASIVE DEVICE**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE POUR AUGMENTER LA VISUALISATION PENDANT L'INSERTION D'UN DISPOSITIF INVASIF**
[72] BURKHOLZ, JONATHAN KARL, US
[72] O'BRYAN, JEFF, US
[72] SHEVGOOR, SIDDARTH K., US
[72] MA, YIPING, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2016-07-27
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[54] **SYSTEM FOR TIME SLOT COMMUNICATION**
[54] **SYSTEME DE COMMUNICATION PAR CRENEAU TEMPOREL**
[72] ROSSL, ANDREAS, AT
[72] HECHENBLAICKNER, ANDREAS, AT
[72] FRIESSNEGG, CHRISTIAN, AT
[73] SES-IMAGOTAG GMBH, AT
[85] 2016-08-11
[86] 2014-02-20 (PCT/EP2014/053376)
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[13] C
[51] **Int.Cl. B42D 15/02 (2006.01)**
[25] FR
[54] **DOCUMENT PROVIDED WITH A DEVICE FOR SECURING CONFIDENTIAL INFORMATION MENTIONED IN THE DOCUMENT AND METHOD FOR IMPLEMENTING SUCH A DEVICE**
[54] **DOCUMENT POURVU D'UN DISPOSITIF DE SECURISATION D'UNE INFORMATION CONFIDENTIELLE MENTIONNEE DANS LE DOCUMENT ET PROCEDE DE MISE EN OEUVRE D'UN TEL DISPOSITIF**
[72] KOVACEVITCH, MICHEL, AE
[73] KOVACEVITCH, MICHEL, AE
[85] 2016-08-11
[86] 2014-03-31 (PCT/IB2014/000475)
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[25] EN
[54] **FLIGHT PATH OPTIMIZATION USING NONLINEAR PROGRAMMING**
[54] **OPTIMISATION DE PARCOURS DE VOL AU MOYEN DE PROGRAMMATION NON LINEAIRE**
[72] GHAEMI, REZA, US
[72] WESTERVELT, ERIC RICHARD, US
[72] DARNELL, MARK, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2940044)
[87] (2940044)
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[51] **Int.Cl. B29C 70/02 (2006.01)**
[25] EN
[54] **CAST-MOLDED ARTICLE**
[54] **ARTICLE MOULE PAR FUSION**
[72] PATERNOSTER, RUDOLF, DE
[72] PLEDL, XAVER, DE
[73] SCHOCK GMBH, DE
[86] (2940720)
[87] (2940720)
[22] 2016-08-29
[30] DE (102015115769.1) 2015-09-18

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[25] EN
[54] **COMPOUND AND METHOD FOR CONTROL OF MIGRATION OF CLAYS AND FINES**
[54] **COMPOSE ET METHODE DE CONTROLE DE LA MIGRATION DES ARGILES ET DES FINES**
[72] SHROFF RAMA, MALLIKARJUNA, IN
[72] SONGIRE, SUMIT RAMESH, IN
[72] SALGAONKAR, LALIT PANDURANG, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **GAS TURBINE GEARBOX INPUT SHAFT**
[54] **ARBRE D'ENTREE DE BOITE DE VITESSES D'UNE TURBINE A GAZ**
[72] ANTELO, RANDY THOMAS, US
[72] VAN DER MERWE, GERT J., US
[72] FANG, NING, US
[72] MILLER, STEVE D., US
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2942667)
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[25] EN
[54] **TECHNIQUE FOR SETTING ENERGY-RELATED LASER-PULSE PARAMETERS**
[54] **TECHNIQUE POUR REGLER DES PARAMETRES D'IMPULSION LASER ASSOCIES A L'ENERGIE**
[72] FOESEL, MATTHIAS, DE
[72] DONITZKY, CHRISTOF, DE
[72] VOGLER, KLAUS, DE
[72] KITTELMANN, OLAF, DE
[73] WAVELIGHT GMBH, DE
[85] 2016-09-22
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[51] **Int.Cl. B65D 47/06 (2006.01) B65D 47/20 (2006.01) B65D 53/02 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER FOR INJECTING BEVERAGE THROUGH BOTTOM THEREOF**
[54] **RECIPIENT POUR BOISSON PERMETTANT D'INJECTER UNE BOISSON A TRAVERS LE FOND DE CELUI-CI**
[72] PARK, SUK JOONG, KR
[72] LEE, SI HAENG, KR
[73] NPC CO., LTD., KR
[85] 2016-09-22
[86] 2014-11-13 (PCT/KR2014/010904)
[87] (WO2016/006771)
[30] KR (10-2014-0085888) 2014-07-09

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[51] **Int.Cl. B25C 1/00 (2006.01) B25C 5/00 (2006.01)**
[25] EN
[54] **FASTENER-DRIVING TOOL INCLUDING A DRIVING DEVICE**
[54] **OUTIL D'ENFONCEMENT DE DISPOSITIF DE FIXATION COMPRENANT UN DISPOSITIF D'ENTRAINEMENT**
[72] LARGO, MARC, US
[72] CARRINGTON, STEVE, US
[72] FROGGATT, NICK, US
[72] GUO, XIAOYU, US
[72] JOHNSTON, LUCAS, US
[72] RAINES, SEAN, US
[72] SOUTHERLAND, ROBBIE, US
[72] WYCKOFF, KENTON, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-09-23
[86] 2015-04-03 (PCT/US2015/024228)
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[30] US (14/253,517) 2014-04-15

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[51] **Int.Cl. F03D 80/60 (2016.01) F03D 9/25 (2016.01) F03D 80/80 (2016.01)**
[25] EN
[54] **AIR DUCT FOR WIND POWER PLANT**
[54] **CONDUIT D'AIR DESTINE A UNE INSTALLATION EOLIENNE**
[72] SCHUMACHER, ROLAND, DE
[72] KRAMER, THOMAS, DE
[73] AREVA WIND GMBH, DE
[85] 2016-10-12
[86] 2015-04-15 (PCT/EP2015/058199)
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[30] EP (14164790.9) 2014-04-15

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[25] EN
[54] **FUEL TANK INERTING PREFILTER ASSEMBLIES, DEVICES, AND METHODS OF USE**
[54] **DISPOSITIFS DE PREFILTRE D'INERTAGE DE RESERVOIR DE CARBURANT, DISPOSITIFS ET METHODES D'UTILISATION**
[72] CARRION, ALEXANDER, US
[72] PATEL, RAJESH D., US
[72] STEIN, DAVID JONATHAN, US
[73] PALL CORPORATION, US
[86] (2945777)
[87] (2945777)
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[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/565 (2006.01) A61K 31/575 (2006.01) A61P 7/10 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NEURO-PROTECTIVE AGENTS AND USES THEREOF**
[54] **NEUROPROTECTEUR ET INDICATION CORRESPONDANTE**
[72] YIN, WEI, CN
[72] CHEN, JIESI, CN
[72] YAN, GUANGMEI, CN
[72] LU, BINGZHENG, CN
[72] ZHU, WENBO, CN
[72] HU, HAIYAN, CN
[72] QIU, PENGXIN, CN
[72] HUANG, YIJUN, CN
[72] ZHANG, JINGXIA, CN
[73] GUANGZHOU CELLPROTEK PHARMACEUTICAL CO., LTD., CN
[85] 2016-10-21
[86] 2015-04-14 (PCT/CN2015/076528)
[87] (WO2015/161747)
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[51] **Int.Cl. D21J 1/08 (2006.01) D21J 1/04 (2006.01)**
[25] EN
[54] **FIBER BOARD PRODUCT COMPRISING A CALCIUM CARBONATE-CONTAINING MATERIAL**
[54] **PRODUIT DE TYPE PANNEAU DE FIBRES COMPRENANT UN MATERIAU CONTENANT DU CARBONATE DE CALCIUM**
[72] OZYHAR, TOMASZ, CH
[72] KRITZINGER, JOHANNES, CH
[72] HUNZIKER, PHILIPP, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-10-31
[86] 2015-04-28 (PCT/EP2015/059193)
[87] (WO2015/173008)
[30] EP (14168478.7) 2014-05-15
[30] US (62/001,716) 2014-05-22

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[51] **Int.Cl. A47B 13/00 (2006.01) A47B 87/00 (2006.01) F16B 12/00 (2006.01)**
[25] EN
[54] **MECHANISM FOR GANGING TABLES**
[54] **MECANISME POUR TABLES POUVANT ETRE ACCOUPLEES**
[72] GRABOWSKI, DANIEL, US
[72] GRESHAM, DAVID, US
[72] COTTRELL, JOHN C., US
[73] HAWORTH, INC., US
[85] 2016-11-08
[86] 2015-05-29 (PCT/US2015/033261)
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[30] US (14/297,775) 2014-06-06

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[51] **Int.Cl. B29C 70/32 (2006.01) B65D 90/02 (2006.01)**
[25] EN
[54] **TANK MANUFACTURING METHOD AND TANK**
[54] **METHODE DE FABRICATION DE RESERVOIR ET RESERVOIR**
[72] SHINDO, TATSUNORI, JP
[72] ISHIBASHI, KAZUNOBU, JP
[72] IWANO, YOSHIHIRO, JP
[72] INOH, TAKASHI, JP
[72] UZAWA, KIYOSHI, JP
[72] KAGEYAMA, YUJI, JP
[72] SAKAGUCHI, MAMI, JP
[72] KANESAKI, MANATO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2948711)
[87] (2948711)
[22] 2016-11-16
[30] JP (2015-225307) 2015-11-18

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[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61B 90/11 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM OF DETERMINING PROBE POSITION IN SURGICAL SITE**
[54] **METHODE ET SYSTEME DE DETERMINATION DE LA POSITION D'UNE SONDE DANS UN SITE CHIRURGICAL**
[72] CHEN, CHIEH HSIAO, US
[72] WANG, KUAN JU, CN
[73] CHEN, CHIEH HSIAO, US
[73] WANG, KUAN JU, CN
[85] 2016-11-16
[86] 2015-08-19 (PCT/CN2015/087500)
[87] (WO2016/026437)
[30] US (62/039,412) 2014-08-19

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[51] **Int.Cl. F16L 55/162 (2006.01) F16L 55/1645 (2006.01)**
[25] EN
[54] **REPAIR OF PIPES**
[54] **REPARATION DE TUYAUX**
[72] ARNOLD, SCOTT, US
[72] JIMENEZ, TOMAS, US
[72] DELETTO, NICKOLAS, US
[73] FYFE CO. LLC, US
[85] 2016-11-23
[86] 2015-06-16 (PCT/IB2015/054554)
[87] (WO2015/193816)
[30] US (62/012,762) 2014-06-16

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[51] **Int.Cl. A47J 43/25 (2006.01) A47J 44/00 (2006.01) B26D 1/30 (2006.01)**
[25] EN
[54] **FOOD COMMINUTION DEVICE**
[54] **DISPOSITIF DE BROYAGE D'ALIMENTS**
[72] REPAC, CEDOMIR, DE
[73] GENIUS GMBH, DE
[85] 2016-12-06
[86] 2015-06-12 (PCT/EP2015/063158)
[87] (WO2015/189381)
[30] DE (10 2014 108 265.6) 2014-06-12

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[51] **Int.Cl. C07C 2/36 (2006.01) B01J 31/18 (2006.01)**
[25] EN
[54] **CATALYST COMPOSITION AND PROCESS FOR OLIGOMERIZATION OF ETHYLENE TO PRODUCE 1-HEXENE AND/OR 1-OCTENE**
[54] **COMPOSITION DE CATALYSEUR ET PROCEDE D'OLIGOMERISATION D'ETHYLENE POUR PRODUIRE DU 1-HEXENE ET/OU 1-OCTENE**
[72] AL-HAZMI, MOHAMMED H., SA
[72] ALQAHTANI, ABDULLAH, SA
[72] ROSENTHAL, UWE, DE
[72] MULLER, BERND H., DE
[72] PEULECKE, NORMEN N., DE
[72] HARFF, MARCO, DE
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[54] **SYSTEMES ET METHODES D'EXTRACTION DU DIOXYDE DE SOUFRE D'UN FLUX DE GAZ**
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[72] SMITH, JOHN R., US
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[54] **MECANISME DE MOTEUR DE PECHE A LA TRAINE DOTE D'UN MECANISME D'AIDE AU LEVAGE**
[72] BERNLOEHR, DARREL A., US
[72] TUREK, CRAIG E., US
[73] JOHNSON OUTDOORS INC., US
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[72] MAGUIRE, YAEL G., US
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[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
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[54] **DISPOSITIF D'ALIGNEMENT TRANSPARENT ET SON PROCEDE DE FABRICATION**
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[54] **PROCEDE DE PRODUCTION DE COMPLEXES DE FER(III) ET DE CASEINE N-ACETYL-ASPARTYLEE ET LEUR UTILISATION DANS DES COMPOSITIONS PHARMACEUTIQUES**
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[54] **SYSTEME DE SYNCHRONISATION DE ROUTAGE INTELLIGENT ET PROCEDES DE SOCIABILISATION D'UNE REDIFFUSION DE SYNTHESE ET FLUX DE GROUPE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, DAVID, US
[72] EASON, HAROLD R., US
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[54] **ARMOIRE DE DISTRIBUTION DE SERVIETTE EN PAPIER**
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[72] REYES-AGUILERA, VICENTE, US
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[54] **PLAQUE D'IMPRESSION FLEXOGRAPHIQUE AVEC UNE EFFICACITE DE DURCISSEMENT AMELIOREE**
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[73] MACDERMID GRAPHICS SOLUTIONS, LLC, US
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[54] **DISPOSITIF D'AIDE AU DEPLACEMENT ET DISPOSITIF DE PORTE COULISSANTE EQUIPE DE CELUI-CI**
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[72] VAN DER SLUIS, PETER WILLEM, NL
[72] GODFREY, ROBERT J., US
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[54] **PROCEDE DE TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**
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[72] OLDENBURG, PAUL D., US
[72] BOHRA, LALIT K., US
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[54] **SYSTEMES ET PROCEDES INCLUANT UNE COMMANDE D'ELEVATION**
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[73] THIN RED LINE AEROSPACE LTD, CA
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[54] **APPAREIL ET PROCEDE PERMETTANT DE COUPER, D'IMPRIMER OU DE GAUFRER**
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[73] AB GRAPHIC INTERNATIONAL LTD, GB
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[72] DORRIS, GILLES, CA
[72] DROLET, FRANCOIS, CA
[72] PAGE, NATALIE, CA
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[54] **REVETEMENTS DE FRICTION RENFERMANT UN COPOLYMERE STRYRENE-ACRYLIQUE**
[72] LARSEN, JOHNNY MOLLERUP, DK
[72] HINGE, MOGENS, DK
[72] HANSEN, CHRISTOFFER BJERREMAND, DK
[72] PRIMDAHL, POUL ERIK, DK
[72] HEDEGAARD, THOMAS, DK
[73] SAFELOAD A/S, DK
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[54] **BAGUE DE PROTECTION, ENSEMBLE D'ETANCHEITE ET GARNITURE DE CROISILLON**
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[73] SPICER GELENKWELLENBAU GMBH, DE
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[72] OBEID, RODOLPHE, CA
[72] PAIEMENT, NADINE, CA
[73] INTELGENX CORP., CA
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[54] **APPAREIL D'AFFICHAGE POUR VEHICULE ET DOMAINE TECHNIQUE DE PROCEDE D'AFFICHAGE POUR VEHICULE**
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[73] NISSAN MOTOR CO., LTD., JP
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[73] SHARROW ENGINEERING LLC, US
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[54] **COMPOSITION DE POLYPROPYLENE RENFORCEE PAR FIBRES LEGERE**
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[54] **LIAISON TERRESTRE SANS FIL POUR DES RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **SYSTEME SONIQUE DE PREVENTION D'ECLATEMENT DE CAROTTE ET METHODE**
[72] GIBBS, BRIAN, CA
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[54] **AMELIORATIONS DE L'EQUIPEMENT ELECTRIQUE/MECANIQUE DE DISTRIBUTION DE PATE SOUFFLEE SUR DES MOULES EN FER REPRODUISANT LE TRAVAIL HUMAIN AFIN D'OBTENIR LE MEME RESULTAT**
[72] SILVA CECILIO, JOAO LUIS DA, CA
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[54] **UNE PILE AU GAZ A BASE DE FIBRE DE CRISTAL A AME CREUSE ET SON UTILISATION POUR LA DETECTION DU GAZ A EFFET DE SERRE, OXYDE D'AZOTE**
[72] DAS, GAUTAM, CA
[71] LAKEHEAD UNIVERSITY, CA
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[54] **SYSTEME ET METHODE DE CONTROLE DU PROCESSUS D'EXAMEN DE SOUMISSION**
[72] GASORE, ANICET, RW
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[54] **UN DISPOSITIF D'INTENSIFICATION DE LA PRESSION HYDRAULIQUE SANS CLAPET INCORPORANT DES MECANISMES DE RECUPERATION D'ENERGIE ET D'UTILISATION D'ENERGIE OPTIMISEE AUTOMATIQUEMENT**
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[54] **SYSTEME D'ENTRAINEMENT D'UNE VIS DE SOUFFLEUSE A NEIGE, SOUFFLEUSE POURVUE D'UN TEL SYSTEME D'ENTRAINEMENT, KIT POUR L'ASSEMBLER, ET METHODES DE FABRICATION, D'ASSEMBLAGE ET D'OPERATION CORRESPONDANTES**
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[72] BELLEVILLE, BENOIT, CA
[72] BEAULIEU, NORMAND, CA
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[54] **SYSTEMES ET METHODES DE SURVEILLANCE D'EMETTEURS-RECEPTEURS ANALOGIQUES ET NUMERIQUES**
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[25] EN
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[54] **SYSTEME DE CONTROLE DE CHARGE ET METHODE DESTINES A UN MOTEUR DE POMPE D'HYDROCARBURE**
[72] HUDSON, SKYLER JONATHAN, CA
[71] HUSKY OIL OPERATIONS LIMITED, CA
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[54] **BUBBLER CONTAINMENT DEVICE AND METHOD**
[54] **DISPOSITIF DE CONFINEMENT DE DIFFUSEUR DE BULLES ET METHODE**
[72] MUNTZ, KURT N., CA
[71] MUNTZ, KURT N., CA
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[54] **REINFORCEMENT FOR A CONCRETE TILE**
[54] **RENFORT DESTINE A UNE TUILE EN BETON**
[72] OUELLET, ANDRE, CA
[72] HOULE, VINCENT, CA
[71] LE SQUAREDECKO INC., CA
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[25] EN
[54] **MINIATURE OR MICRO-SCALE CONFORMABLE CHAIN MAIL DEVICE FOR ORTHOPAEDIC FIXATION, STABILIZATION, AND REPAIR**
[54] **APPAREIL EN COTTE DE MAILLES ADAPTABLE MINIATURE OU MICRO-ECHELLE DESTINE A LA FIXATION, LA STABILISATION OU LA REPARATION ORTHOPEDIQUE**
[72] FISHMAN, ZACHARY J., CA
[72] WHYNE, CARI MARISA, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[54] **BEAM CONNECTOR AND METHOD OF INSTALLATION**
[54] **RACCORD DE POUTRE ET METHODE D'INSTALLATION**
[72] BOIVIN, MATHIEU, CA
[72] DEIR, WALID, CA
[72] BASSILY, GEORGES, CA
[72] KANTHARAJU, SWAROOP, CA
[72] TOME, ELIZABETH, CA
[72] DAOUST, SYLVAIN, CA
[71] TRANSTEX COMPOSITE INC., CA
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[30] US (15/471,696) 2017-03-28
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[25] EN
[54] **19 LITRE WATER JUG CARRY HANDLE**
[54] **POIGNEE DE TRANSPORT D'UN BIDON D'EAU DE 19 LITRES**
[72] BROWN, IVAN, CA
[71] BROWN, IVAN, CA
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[51] **Int.Cl. G09C 1/00 (2006.01) G06F 21/62 (2013.01) H04L 9/18 (2006.01)**
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[54] **MULTIPLE USE PADS**
[54] **TAMPONS A UTILISATIONS MULTIPLES**
[72] LATOUF, JOSEPH, CA
[71] LATOUF, JOSEPH, CA
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[25] FR
[54] **THERAPEUTIC METHOD AND DEVICE FOR THE TREATMENT OF EPILEPSY**
[54] **APPAREIL ET METHODE THERAPEUTIQUE POUR LE TRAITEMENT DE L'EPILEPSIE**
[72] LARKOUBI, HOUARI, MA
[72] EL MOUSSAOUI, MARIAM, MA
[72] ALLOUCHE, AMINA, MA
[71] EPIL-MA-EPSIE SARL, MA
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[25] EN
[54] **LIFT TOWER FOR LIFTING A LOAD**
[54] **TOUR DE LEVAGE DESTINEE AU SOULEVEMENT D'UNE CHARGE**
[72] MAHNKE, DON, CA
[71] HYDRA-SLIDE LTD., CA
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[25] EN
[54] **STYLE SIEVE FUNNEL FOR PASTRY NOODLE MACHINE**
[54] **ENTONNOIR DE TYPE TAMIS DESTINE A UNE MACHINE A NOUILLE DE PATISSERIE**
[72] ELILARASI, PATHMANATHAR, CA
[71] ELILARASI, PATHMANATHAR, CA
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[54] **GRAVITY CONCENTRATING TABLES**
[54] **TABLES DE CONCENTRATION PAR GRAVITE**
[72] TWEEDIE, RONALD M., CA
[71] TWEEDIE, RONALD M., CA
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[25] EN
[54] **MULTI-COMPARTMENT ROLLING BAG SYSTEM**
[54] **SYSTEME DE SAC A ROULETTES A PLUSIEURS COMPARTIMENTS**
[72] MARRELLO, JOSEPHINE, CA
[71] MARRELLO, JOSEPHINE, CA
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[54] **SYSTEM AND METHODS FOR MIMICKING THE ENVIRONMENTAL CONDITIONS OF A HABITAT**
[54] **SYSTEMES ET METHODES D'IMITATION DES CONDITIONS ENVIRONNEMENTALES D'UN HABITAT**
[72] WOLFE, JARED, CA
[72] LAM, TOM, CA
[72] MAHMUD, APPLE, CA
[72] HAYAT, SHARGEEL, CA
[72] GOZALVEZ, LUCAS, ES
[72] CACERES, JONATHAN, ES
[72] JIMENEZ, RUBEN, ES
[71] BIOPOD SYSTEMS INC., CA
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[25] EN
[54] **TOILET BOWL SPRAYER**
[54] **PULVERISATEUR POUR CUVETTE DE TOILETTES**
[72] LEGEN, GARY W., CA
[71] LEGEN, GARY W., CA
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[51] **Int.Cl. B60T 3/00 (2006.01)**
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[54] **SYSTEM FOR IMPROVING PERFORMANCE OF WHEEL CHOCK SAFETY PROCEDURES**
[54] **SYSTEME D'AMELIORATION DU RENDEMENT DES PROCEDURES DE SECURITE DE CALE DE ROUE**
[72] METZ, DONALD L., US
[72] EPPLEY, JOSHUA L., US
[71] DL MANUFACTURING, US
[22] 2017-03-28
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[54] **CONVEX WHEEL CHOCK AND CHOCK EXTRACTOR**
[54] **CALE DE ROUE CONVEXE ET EXTRACTEUR DE CALE**
[72] METZ, DONALD L., US
[72] GARROW, KRISTIAN P., US
[72] BEREAN, KYLE J., US
[71] DL MANUFACTURING, US
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[54] **MOTORIZED DOOR HINGE SYSTEM AND METHOD**
[54] **SYSTEME DE CHARNIERE DE PORTE MOTORISEE ET METHODE**
[72] DAMBORAGAMA, EROSH, CA
[71] DAMBORAGAMA, EROSH, CA
[22] 2017-03-29
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[54] **APPARATUS FOR IMAGING THROUGH A VISCOUS SUBSTANCE**
[54] **APPAREIL D'IMAGERIE A TRAVERS UNE SUBSTANCE VISQUEUSE**
[72] DUFOUR, DENIS, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[25] EN
[54] **SPINAL DECOMPRESSION IN YOUR EASY CHAIR**
[54] **DECOMPRESSION VERTEBRALE DANS VOTRE FAUTEUIL DE RELAXATION**
[72] UNKNOWN, ZZ
[71] WILEY, DANIEL D., CA
[22] 2017-03-29
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[51] **Int.Cl. H05B 6/64 (2006.01) A21B 1/02 (2006.01) A21B 2/00 (2006.01) A47J 27/088 (2006.01) B65B 55/14 (2006.01) F24C 7/02 (2006.01)**
[25] EN
[54] **HYBRID MODULAR MICROWAVE HEATING SYSTEM WITH SEPARABLE CAVITIES**
[54] **SYSTEME DE CHAUFFAGE A MICRO-ONDES MODULAIRE HYBRIDE DOTE DE CAVITES SEPARABLES**
[72] CHANG, HONG-I., TW
[72] CHIN, KUANG-TSE, TW
[72] YU, YA-CHUN, TW
[72] HSIEH, JUNG-KUEI, TW
[72] LIN, CHIEN-HUNG, TW
[71] BOTTLE TOP MACHINERY CO., LTD., TW
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[25] EN
[54] **FISH EGG EXTRACTS, OMEGA-3 LIPID-BASED COMPOSITIONS AND USES THEREOF**
[54] **EXTRAITS D'OEUFS DE POISSON, COMPOSITIONS A BASE DE LIPIDE OMEGA 3 ET LEURS UTILISATIONS**
[72] BEAUDOIN, ADRIEN, CA
[72] BEAUDOIN, LUC, CA
[71] BIOFLASH INC., CA
[22] 2017-03-29
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[25] EN
[54] **METHOD AND APPARATUS FOR ONLINE RENTAL OF VEHICLES**
[54] **METHODE ET APPAREIL DE LOCATION EN LIGNE DE VEHICULES**
[72] SHOEN, EDWARD J., US
[72] COLMAN, MICHAEL GEORGE, US
[72] REID, MARIAH ANNE, US
[72] TONAN, ARTHUR SCOTT, US
[72] WATHEN, JOHN SAMUEL, US
[71] U-HAUL INTERNATIONAL, INC., US
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[41] 2018-09-29
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[25] EN
[54] **TAMPER EVIDENT TUB**
[54] **CUVE INVIOLABLE**
[72] LUBURIC, FRANO, US
[71] BWAY CORPORATION, US
[22] 2017-04-24
[41] 2018-09-23
[30] US (15/467,710) 2017-03-23

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[51] **Int.Cl. B62D 33/02 (2006.01) B60R 3/00 (2006.01) B62D 25/20 (2006.01) B62D 25/22 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **MOUNTED RETRACTABLE CATWALK FOR TRUCKS, UTILITY, CONSTRUCTION, AND INDUSTRIAL VEHICLES AND EQUIPMENT**
[54] **PASSERELLE RETRACTABLE INSTALLEE DESTINEE A DES CAMIONS, DES VEHICULES UTILITAIRES, DES VEHICULES DE CONSTRUCTION ET DES VEHICULES ET EQUIPEMENTS INDUSTRIELS**
[72] OLIVER, FRED S., US
[71] ANDERSON & WOOD CONSTRUCTION CO., INC., US
[22] 2017-05-01
[41] 2018-09-27
[30] US (62/477,362) 2017-03-27

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[51] **Int.Cl. F16G 15/12 (2006.01) F16G 15/10 (2006.01)**
[25] EN
[54] **REPAIR LINK FOR TWIST LINK AND OTHER CHAIN TYPES**
[54] **LIEN DE REPARATION DESTINE A UN MAILLON TORDU ET AUTRES TYPES DE CHAINES**
[72] DREIXLER, CHARLES, US
[72] FRITZ, JESSE, US
[71] COLUMBIA STEEL CASTING CO., INC., US
[22] 2017-05-03
[41] 2018-09-23
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[51] **Int.Cl. E04G 23/03 (2006.01) B29C 73/02 (2006.01) E04D 15/00 (2006.01)**
[25] EN
[54] **ROOFING BLISTER REPAIR DEVICES AND METHODS**
[54] **DISPOSITIFS ET METHODES DE REPARATION DE CLOQUES D'UNE TOITURE**
[72] MILO, THOMAS KEVIN, US
[72] WANG, GE, US
[72] CENTEA, MARK E., US
[71] TREMCO INCORPORATED, US
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[41] 2018-09-24
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[54] **LOCK KNOB ASSEMBLY**
[54] **MECANISME DE BOUTON DE VERROU**
[72] HUANG, LIEN-HSI, CN
[72] LEE, WEN-CHIEH, CN
[72] HUANG, FU-CHIH, CN
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
[22] 2017-06-06
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[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING PREPARATION OF A FOOD PRODUCT**
[54] **APPAREIL ET METHODE DE SURVEILLANCE DE LA PREPARATION D'UN PRODUIT ALIMENTAIRE**
[72] LEVANON, IDO, IL
[71] DRAGONTAIL SYSTEMS LTD., IL
[22] 2017-07-25
[41] 2018-09-29
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[51] **Int.Cl. B01D 46/52 (2006.01)**
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[54] **FILTER AND ITS MANUFACTURING PROCESS**
[54] **FILTRE ET SON PROCEDE DE FABRICATION**
[72] CHARUMETHEE, CHARNCHAI, TH
[71] CHARUMETHEE, CHARNCHAI, TH
[22] 2017-08-08
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[51] **Int.Cl. A01K 13/00 (2006.01) A01K 29/00 (2006.01)**
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[54] **ANIMAL JACKET**
[54] **VESTE POUR ANIMAL**
[72] POULTON, BRENT DONALD, CA
[71] POULTON, BRENT DONALD, CA
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[25] EN
[54] **BATTERY-POWERED TREE**
[54] **ARBRE ALIMENTE PAR UNE BATTERIE**
[72] MCRAE, MICHAEL M., US
[71] NATIONAL TREE COMPANY, US
[22] 2017-08-15
[41] 2018-09-24
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[51] **Int.Cl. B61K 9/06 (2006.01) B61K 13/00 (2006.01) B61L 1/00 (2006.01)**
[25] EN
[54] **CONDITION BASED MAINTENANCE OF RAILCAR ROLLER BEARINGS USING PREDICTIVE WAYSIDE ALERTS BASED ON ACOUSTIC BEARING DETECTOR MEASURMENTS**
[54] **ENTRETIEN DE ROULEMENTS A ROULEAUX DE WAGON FONDE SUR L'ETAT EMPLOYANT LES ALERTES PREDICTIVES DE BORDURE DE VOIE FONDEES SUR LES MESURES DE DETECTION ACOUSTIQUE DE PALIER**
[72] MULLIGAN, KYLE RYAN, CA
[71] CANADIAN PACIFIC RAILWAY COMPANY, CA
[22] 2017-08-30
[41] 2018-09-24
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[25] EN
[54] **MOVABLE CUTLERY BASKET**
[54] **PANIER D'USTENSILES MOBILE**
[72] CARR, CASEY, US
[72] HARR, DEBORAH, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2017-09-05
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[25] EN
[54] **PRESSURE PERFORATED WELL CASING SYSTEM**
[54] **SYSTEME DE TUBAGE DE PUITS PERFORE A PRESSION**
[72] DALLAS, L. MURRAY, US
[71] DALLAS, L. MURRAY, US
[22] 2017-09-08
[41] 2018-09-27
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[51] **Int.Cl. F03G 7/04 (2006.01) E02B 9/08 (2006.01) F03B 17/00 (2006.01)**
[25] EN
[54] **COHESION BASED HYDROELECTRIC POWER**
[54] **ENERGIE HYDROELECTRIQUE FONDEE SUR LA COHESION**
[72] FERENCZY, MIKLOS, CA
[71] FERENCZY, MIKLOS, CA
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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/68 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A RELATIONSHIP BETWEEN FIRST AND SECOND BODIES ON A PERSON**
[54] **SYSTEME ET METHODE DE CONTROLE D'UNE RELATION ENTRE LE PREMIER ET LE DEUXIEME CORPS SUR UNE PERSONNE**
[72] MEDOFF, ROBERT, US
[71] TRIMED, INCORPORATED, US
[22] 2017-12-06
[41] 2018-09-27
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[51] **Int.Cl. A63G 7/00 (2006.01) A63G 21/04 (2006.01)**
[25] EN
[54] **AMUSEMENT RIDE WITH CONTROLLABLE HELICAL MOTION OF AN ECCENTRIC RIDER AROUND THE CENTRAL AXIS OF THE ROUTE OF THE RIDER**
[54] **MANEGE A MOUVEMENT HELICOIDAL CONTROLABLE D'UN PASSAGER EXCENTRIQUE AUTOUR DE L'AXE CENTRAL DU TRAJET DU PASSAGER**
[72] KIANI, ALI AK, CA
[71] KIANI, ALI AK, CA
[22] 2018-01-02
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[51] **Int.Cl. B64D 35/00 (2006.01) F02C 7/36 (2006.01) F16D 11/14 (2006.01) F16D 25/061 (2006.01)**
[25] EN
[54] **CLUTCH DEVICE FOR GAS TURBINE ENGINES**
[54] **DISPOSITIF D'EMBRAYAGE DE MOTEURS DE TURBINE A GAZ**
[72] MITROVIC, LAZAR, CA
[72] MORGAN, KEITH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-16
[41] 2018-09-29
[30] US (62/478,205) 2017-03-29
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[25] EN
[54] **AMUSEMENT RIDE WITH CONTROLLABLE AND RACER MOTORCYCLE TO SIMULATE MOTOR CYCLE RIDING**
[54] **MANEGE EQUIPE D'UNE MOTOCYCLETTE DE COURSE CONTROLABLE ET MOTOCYCLETTE DE COURSE POUR SIMULER LA CONDUITE D'UNE MOTOCYCLETTE**
[72] KIANI, ALI, CA
[71] KIANI, ALI, CA
[22] 2018-01-17
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[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR INDUCTION HEATING**
[54] **APPAREIL, SYSTEME ET METHODE D'INDUCTION DE CHALEUR**
[72] GRAY, EVERETTE D., US
[71] THE BOEING COMPANY, US
[22] 2018-01-18
[41] 2018-09-23
[30] US (15/467857) 2017-03-23

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[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) B64D 47/00 (2006.01) F01D 21/14 (2006.01) F16N 29/02 (2006.01)**
[25] EN
[54] **AIRCRAFT FIRE SAFETY WITH OIL PUMP DEPRIME VALVE**
[54] **SECURITE INCENDIE D'AERONEF DOTEE D'UNE SOUPAPE DE DEPRESSION DE POMPE A HUILE**
[72] MANOUKIAN, PATRICK, CA
[72] REMY, PATRICE, CA
[72] THERIAULT, SARAH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-18
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[30] US (15/471,540) 2017-03-28

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[13] A1
[51] **Int.Cl. B60G 17/015 (2006.01) B64C 25/62 (2006.01) F16F 9/50 (2006.01)**
[25] EN
[54] **DUAL-STAGE, PRESSURE-ACTIVATED, MIXED FLUID GAS SHOCK STRUT SERVICING MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'ENTRETIEN DE JAMBE A AMORTISSEUR A GAZ MELANGE A DEUX ETAGES, ACTIVE PAR PRESSION**
[72] FAZELI, AMIR, CA
[72] CEPIC, ADNAN, CA
[72] REBER, SUSANNE M., US
[71] GOODRICH CORPORATION, US
[22] 2018-01-30
[41] 2018-09-24
[30] US (62/476,509) 2017-03-24
[30] US (15/642,058) 2017-07-05

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[21] **2,993,737**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 43/00 (2006.01)**
[25] FR
[54] **APPARATUS FOR COOKING BY HEATED FLOW WITH THE MEANS TO STIR**
[54] **APPAREIL DE CUISSON PAR FLUX CHAUFFANT AVEC MOYEN DE REMUAGE**
[72] DELRUE, OLIVIER, FR
[72] SEURAT, FREDERIC, FR
[72] PETITALLOT, JOHANN, FR
[72] BIZARD, JEAN-CLAUDE, FR
[72] LORDONNOIS, RODOLPHE, FR
[72] CORNU, JEREMY, FR
[71] SEB S.A., FR
[22] 2018-01-31
[41] 2018-09-27
[30] FR (1752538) 2017-03-27

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[21] **2,994,454**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 43/00 (2006.01)**
[25] FR
[54] **DETECTION PROCESS FOR UNEXPECTED EVENT IN AN AIRCRAFT, AND AN AIRCRAFT**
[54] **PROCEDE DE DETECTION D'UN EVENEMENT IMPREVU DANS UN AERONEF, ET UN AERONEF**
[72] FONTAINE, LIONEL, FR
[72] FOURNEAU-PELLETIER, ROMAIN, FR
[72] BILLET-FOISSAC, EMILIE, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-02-08
[41] 2018-09-28
[30] FR (1770309) 2017-03-28

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[21] **2,994,459**
[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE WITH RELEASABLE KNIFE CARRIER**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL DOTE D'UN PORTE-COUTEAU DEGAGEABLE**
[72] WILLIAMS, JUSTIN, US
[72] VALENTINE, DAVID, US
[72] GUERRERA, JOSEPH, US
[71] COVIDIEN LP, US
[22] 2018-02-09
[41] 2018-09-23
[30] US (15/467,153) 2017-03-23

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[21] **2,994,477**
[13] A1
[51] **Int.Cl. B64C 27/605 (2006.01)**
[25] FR
[54] **ROTOR FOR ROTORCRAFT INCLUDING AN ASSEMBLY OF CYCLICAL PLATES AND TWO TURNING COMPASSES**
[54] **ROTOR DE GIRAVION INCLUANT UN ENSEMBLE DE PLATEAUX CYCLIQUES ET DEUX COMPAS TOURNANTS**
[72] EBERHARD, ALAIN, FR
[72] OUAJJOU, NABIL, FR
[72] MASSAL, FABIEN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-02-08
[41] 2018-09-28
[30] FR (1770308) 2017-03-28

[21] **2,994,626**
[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01) G06F 21/45 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING CYBER SECURITY INCIDENTS WITH INTELLIGENT PASSWORD MANAGEMENT**
[54] **SYSTEMES ET METHODES DE REDUCTION DES INCIDENTS DE CYBERSECURITE AU MOYEN DE LA GESTION INTELLIGENTE DE MOT DE PASSE**
[72] SAHA, AVIJIT, US
[72] THOMAS, MANU, US
[72] CHAURASIA, JITENDRA SITARAM, US
[72] MEGANATHAN, DEEPAK SUNDAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-09
[41] 2018-09-23
[30] US (15/467,747) 2017-03-23

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[21] **2,995,762**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 4/02 (2018.01) G08B 25/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING AN OPTIMAL DEVICE IN A HOME SECURITY OR AUTOMATION SYSTEM FOR PRESENTING A NOTIFICATION OR ALERT**
[54] **SYSTEMES ET METHODES DE SELECTION D'UN DISPOSITIF OPTIMAL DANS UN SYSTEME DE SECURITE MAISON OU D'AUTOMATISATION EN VUE DE PRESENTER UNE NOTIFICATION OU UNE ALERTE**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] H M, SHANKAR PRASAD, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-20
[41] 2018-09-29
[30] US (15/473,072) 2017-03-29

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[21] **2,996,117**
[13] A1
[51] **Int.Cl. B64C 7/00 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC DRAINAGE DEVICE**
[54] **DISPOSITIF DE DRAINAGE AERODYNAMIQUE**
[72] DE PAU, ROBERT JR., US
[72] PHILIPP, PAUL BRIAN, US
[72] TUTKO, SAMUEL JAMES, US
[72] KLESHCHEV, FEDOR, US
[72] KLOVDAHL, GARRETT DANIEL, US
[71] THE BOEING COMPANY, US
[22] 2018-02-22
[41] 2018-09-28
[30] US (15/472088) 2017-03-28

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[21] **2,996,125**
[13] A1
[51] **Int.Cl. H04W 40/02 (2009.01) H04W 28/08 (2009.01) H04B 7/185 (2006.01)**
[25] EN
[54] **AIRCRAFT COMMUNICATIONS SYSTEM FOR TRANSMITTING DATA**
[54] **SYSTEME DE COMMUNICATION D'AERONEF SERVANT A TRANSMETTRE LES DONNEES**
[72] MATYAS, MICHAEL EDWARD, US
[72] LEE, STEPHEN Y., US
[72] SANDELL, GORDON ROBERT ANDREW, US
[71] THE BOEING COMPANY, US
[22] 2018-02-22
[41] 2018-09-29
[30] US (15/472688) 2017-03-29

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[21] **2,996,160**
[13] A1
[51] **Int.Cl. H02B 1/40 (2006.01) H02G 3/12 (2006.01)**
[25] EN
[54] **HOUSINGS WITH WALL LOCATOR MEMBERS SUITABLE FOR ELECTRICAL DEVICES SUCH AS LOADCENTERS**
[54] **LOGEMENTS DOTES D'ELEMENTS DE REPERAGE DE MUR CONVENANT AUX DISPOSITIFS ELECTRIQUES COMME DES CENTRES DE CHARGE**
[72] BENSON, TONY RAY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-23
[41] 2018-09-23
[30] US (15/467895) 2017-03-23

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[21] **2,996,941**
[13] A1
[51] **Int.Cl. G01R 15/18 (2006.01) G01R 19/165 (2006.01)**
[25] FR
[54] **CONTROL ACCESSORY FOR AN ELECTRICAL APPARATUS FEATURING A CONNECTION TERMINAL**
[54] **ACCESSOIRE DE CONTROLE POUR UN APPAREIL ELECTRIQUE POURVU D'UNE BORNE DE RACCORDEMENT**
[72] ESCOFFIER, ANNA-LINE, FR
[72] VIRLOUVET, ANNIE, FR
[72] PIONCHON, LAURENCE, FR
[71] ABB SCHWEIZ AG, CH
[22] 2018-02-28
[41] 2018-09-24
[30] EP (17162729.2) 2017-03-24

[21] **2,997,268**
[13] A1
[51] **Int.Cl. G08B 29/02 (2006.01) G08B 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECREATING TIME-BASED EVENTS USING A BUILDING MONITORING SYSTEM**
[54] **METHODE DE RECREATION D'EVENEMENTS TEMPORELS AU MOYEN D'UN SYSTEME DE SURVEILLANCE DE BATIMENT**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] HEGDE, VINAY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-03-02
[41] 2018-09-29
[30] US (15/472,650) 2017-03-29

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[21] **2,997,736**
[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **SLIDING ELEMENT WITH SEALING DEVICE AND SEALING ELEMENT**
[54] **ELEMENT COULISSANT DOTE D'UN DISPOSITIF ETANCHE ET ELEMENT ETANCHE**
[72] JUSTL, SASCHA, CH
[72] STREBEL, MYRTA, CH
[72] ETTMULLER, PETER, CH
[72] HAAB, GREGOR, CH
[71] HAWA SLIDING SOLUTIONS AG, CH
[22] 2018-03-08
[41] 2018-09-23
[30] EP (17162591.6) 2017-03-23

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[21] **2,997,737**
[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE GUIDE DEVICE FOR A SLIDING ELEMENT**
[54] **DISPOSITIF GUIDE AJUSTABLE DESTINE A UN ELEMENT COULISSANT**
[72] JUSTL, SASCHA, CH
[72] YEZZA, NEJIB, CH
[72] ETTMULLER, PETER, CH
[72] HAAB, GREGOR, CH
[71] HAWA SLIDING SOLUTIONS AG, CH
[22] 2018-03-08
[41] 2018-09-23
[30] EP (17162589.0) 2017-03-23

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[21] **2,997,798**
[13] A1
[51] **Int.Cl. A01D 41/127 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **CROP HARVESTING MACHINE INCLUDING RETRACTABLE SENSOR FINGERS WITH ADJUSTABLE GROUND PRESSURE AND HEADER TILT CONTROL**
[54] **MACHINE DE RECOLTE COMPORTANT DES DOIGTS CAPTEURS RETRACTABLES, A PRESSION AU SOL REGLABLE ET CONTROLE D'INCLINAISON DE RECOLTEUSE**
[72] LACY, NOLAN, CA
[72] OTTO, PHILIP, CA
[72] BARNETT, NEIL, CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2018-03-09
[41] 2018-09-28
[30] US (15471475) 2017-03-28

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[21] **2,997,986**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **SCORING MECHANISM FOR DISCOVERY OF EXTREMIST CONTENT**
[54] **MECANISME DE POINTAGE DESTINE A LA DECOUVERTE DE CONTENU EXTREMISTE**
[72] MCCOY, ANTHONY, IE
[72] ZAMAN, MD FAISAL, IE
[72] SHARPE, CARL, IE
[72] HAMITI, SOFIAN, IE
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2018-03-12
[41] 2018-09-29
[30] US (15/473,173) 2017-03-29

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[21] **2,998,024**
[13] A1
[51] **Int.Cl. F16H 39/04 (2006.01) F15B 21/04 (2006.01)**
[25] EN
[54] **ENTRAINED AIR DEFLECTOR FOR A HYDROSTATIC TRANSMISSION**
[54] **DEFLECTEUR D'AIR ENTRAINE DESTINE A UNE TRANSMISSION HYDROSTATIQUE**
[72] LEE, JUSTIN WILLIAM, US
[72] MLCOCH, ERIC PHILIP, US
[72] WHITEHEAD, ROBERT CLIFTON, US
[72] SHAN, STEPHEN HANG, US
[72] HUNTLEY, RICHARD BRENDON, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2018-03-13
[41] 2018-09-28
[30] US (15/471,442) 2017-03-28

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[21] **2,998,045**
[13] A1
[51] **Int.Cl. G05G 1/10 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR REMOTE SENSE WITHOUT WIRES**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE TELEDETECTION SANS FIL**
[72] HOFFMAN, DAVID, US
[71] VERSATILE POWER,INC., US
[22] 2018-03-13
[41] 2018-09-24
[30] US (15/469069) 2017-03-24

[21] **2,998,164**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06T 7/70 (2017.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TELECOM INVENTORY MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION D'INVENTAIRE DE TELECOMMUNICATION**
[72] HEBBALAGUPPE, RAMYA SUGNANA MURTHY, IN
[72] HASSAN, EHTESHAM, IN
[72] GHOSH, HIRANMAY, IN
[72] GAURAV, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2018-03-14
[41] 2018-09-24
[30] IN (201721010459) 2017-03-24

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[21] **2,998,167**
[13] A1
[51] **Int.Cl. G09F 13/04 (2006.01) G02B 1/04 (2006.01) G02B 3/00 (2006.01) H05K 1/18 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE ASSEMBLY**
[54] **DISPOSITIF DE DIODE ELECTROLUMINESCENTE**
[72] DUBUC, EDEN, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2018-03-15
[41] 2018-09-28
[30] US (15/471,129) 2017-03-28

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[21] **2,998,317**
[13] A1
[51] **Int.Cl. B41M 5/50 (2006.01) B32B 5/18 (2006.01) B32B 5/32 (2006.01) B32B 7/12 (2006.01) B41M 5/382 (2006.01)**
[25] EN
[54] **THERMAL TRANSFER IMAGE RECEIVING SHEET**
[54] **FEUILLE DE RECEPTION D'IMAGE DE TRANSFERT THERMIQUE**
[72] TAKAHASHI, HIDEAKI, JP
[72] ASAI, SHIGEKI, JP
[71] TOMOEGAWA CO., LTD., JP
[22] 2018-03-19
[41] 2018-09-24
[30] JP (2017-058626) 2017-03-24

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[21] **2,998,409**
[13] A1
[51] **Int.Cl. H04B 10/25 (2013.01) H04B 10/278 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BIDIRECTIONAL EXCHANGE OF DATA WITH A MOBILE APPARATUS THROUGH AT LEAST ONE LEAKY OPTICAL FIBER**
[54] **SYSTEME ET METHODE D'ECHANGE BIDIRECTIONNEL DE DONNEES AVEC UN APPAREIL MOBILE PAR AU MOINS UNE FIBRE OPTIQUE PRESENTANT UNE FUITE**
[72] JARRY, STEPHAN, CA
[72] LABADIE, JEAN, CA
[71] LES INDUSTRIES SHOW CANADA INC., CA
[22] 2018-03-19
[41] 2018-09-28
[30] US (15/470,948) 2017-03-28

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[21] **2,998,619**
[13] A1
[51] **Int.Cl. H04M 3/436 (2006.01) H04W 4/14 (2009.01) H04W 4/16 (2009.01) H04W 12/10 (2009.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CALL VERIFICATION**
[54] **SYSTEMES ET METHODES DE VERIFICATION D'APPEL**
[72] YACOV, SHAY BEN, IL
[72] BARENBOIM, ILIYA, IL
[72] GUBES, ROMI, IL
[72] BIANCO, ITAY, IL
[72] SRINIVASAN, SRIVATSAN, US
[71] VONAGE BUSINESS INC., US
[22] 2018-03-20
[41] 2018-09-24
[30] US (15/468,805) 2017-03-24

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[21] **2,998,629**
[13] A1
[51] **Int.Cl. B66F 3/22 (2006.01) B66F 7/28 (2006.01)**
[25] EN
[54] **VEHICLE JACK AND ADAPTER THEREFOR**
[54] **CRIC DE LEVAGE DE VEHICULE ET ADAPTATEUR ASSOCIE**
[72] CHEUNG, ALAN, US
[71] VOLKSWAGEN OF AMERICA, INC., US
[22] 2018-03-20
[41] 2018-09-24
[30] US (15/468,826) 2017-03-24

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[21] **2,998,664**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 59/20 (2015.01) A63B 59/70 (2015.01) A63B 69/36 (2006.01) A63B 69/38 (2006.01)**
[25] EN
[54] **STICK HANDLING TRAINING DEVICE AND METHOD**
[54] **DISPOSITIF D'ENTRAINEMENT AU MANIEMENT DU BATON ET METHODE**
[72] CLARKE, CABLE, US
[71] CLARKE, CABLE, US
[22] 2018-03-21
[41] 2018-09-23
[30] US (62/475,433) 2017-03-23
[30] US (15/924,660) 2018-03-19

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[21] **2,998,755**
[13] A1
[51] **Int.Cl. H02B 1/04 (2006.01)**
[25] EN
[54] **LOADCENTERS WITH IMPROVED BACKPAN TO BACK WALL ASSEMBLY FASTENERS ALLOWING ONE DIRECTION ASSEMBLY AND RELATED ENCLOSURES AND METHODS**
[54] **CENTRES DE CHARGE DOTES DE FIXATIONS D'ASSEMBLAGE DE PAROI ARRIERE A PANNEAU ARRIERE AMELIOREES PERMETTANT L'ASSEMBLAGE DANS UNE DIRECTION ET ENCEINTES ASSOCIEES, ET METHODES**
[72] BENSON, TONY RAY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-03-21
[41] 2018-09-23
[30] US (15/467870) 2017-03-23

[21] **2,998,769**
[13] A1
[51] **Int.Cl. A01K 63/00 (2017.01) A01K 80/00 (2006.01)**
[25] EN
[54] **DEVICE FOR INVERTING FLOATING OYSTER CAGES**
[54] **DISPOSITIF DE RENVERSEMENT DE GAGES A HUITRES FLOTTANTES**
[72] GOUDEY, CLIFFORD A., US
[72] MOOK, WILLIAM H., US
[71] GOUDEY, CLIFFORD A., US
[71] MOOK, WILLIAM H., US
[22] 2018-03-21
[41] 2018-09-27
[30] US (15/470,823) 2017-03-27

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[21] **2,998,777**
[13] A1
[51] **Int.Cl. F17D 3/03 (2006.01)**
[25] EN
[54] **A BIDIRECTIONAL ELECTROMAGNETIC PROPELLED THRUSTER DEVICE FOR USE IN TUBULARS**
[54] **UN DISPOSITIF DE POUSSEE PROPULSE DE MANIERE ELECTROMAGNETIQUE, BIDIRECTIONNEL DESTINE AUX TUBULURES**
[72] DURWARD, ROBERT BONTHRON, CA
[71] PEP ENERGY SYSTEMS LTD., CA
[22] 2018-03-21
[41] 2018-09-28
[30] US (62/477,901) 2017-03-28

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[21] **2,998,785**
[13] A1
[51] **Int.Cl. E04F 19/08 (2006.01) E03C 1/02 (2006.01) E04F 17/08 (2006.01) F16L 5/00 (2006.01)**
[25] EN
[54] **MODULAR PLUMBING BOX SYSTEM AND METHODS OF MOUNTING THE SAME**
[54] **SYSTEME DE BOITE DE PLOMBERIE MODULAIRE ET METHODE D'INSTALLATION ASSOCIEE**
[72] BROWN, KENNETH, US
[72] LORKOWSKI, AARON, US
[71] OATEY CO., US
[22] 2018-03-21
[41] 2018-09-23
[30] US (62/475405) 2017-03-23
[30] US (15/924675) 2018-03-19

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[21] **2,998,798**
[13] A1
[51] **Int.Cl. B05B 1/18 (2006.01)**
[25] EN
[54] **ANGULARLY ADJUSTED SPRAY NOZZLE**
[54] **BUSE A JET AJUSTE DE MANIERE ANGULAIRE**
[72] DUONG, HA V., US
[72] MICHAEL, VICKY A., US
[72] NIES, JUERGEN, US
[72] HOYLE, MARK, US
[71] MELNOR, INC., US
[22] 2018-03-21
[41] 2018-09-23
[30] US (62/475,493) 2017-03-23

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[21] **2,998,806**
[13] A1
[51] **Int.Cl. G01K 1/14 (2006.01) H02B 99/00 (2009.01) H01H 9/00 (2006.01)**
[25] EN
[54] **TEMPERATURE MONITORING DEVICES FOR ELECTRICAL APPARATUS, SWITCHGEARS WITH SAME AND RELATED METHODS**
[54] **DISPOSITIFS DE SURVEILLANCE DE LA TEMPERATURE DESTINES A UN APPAREIL ELECTRIQUE, APPAREILLAGE DE CONNEXION DOTE DUDIT DISPOSITIF ET METHODES ASSOCIEES**
[72] XIN, CHAO, CN
[72] WANG, YAZHOU, CN
[72] WU, BINGHUA, CN
[72] ZHU, XU, CN
[72] ZHOU, XIN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-03-21
[41] 2018-09-23
[30] US (15/467914) 2017-03-23

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[21] **2,998,809**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) H04B 10/40 (2013.01) G02B 6/32 (2006.01) G02B 27/10 (2006.01) H01L 31/12 (2006.01) H05K 9/00 (2006.01) G01J 1/42 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL OPTOELECTRONIC SUB-ASSEMBLY**
[54] **SOUS-MODULE OPTOELECTRONIQUE BIDIRECTIONNEL**
[72] XU, JUNCHENG, US
[72] CHICK, JAMES STEVEN, US
[72] STAPLETON, TERRY M., US
[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US
[22] 2018-03-21
[41] 2018-09-24
[30] US (15/468,908) 2017-03-24

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[21] **2,998,811**
[13] A1
[51] **Int.Cl. H02M 1/00 (2007.10) H02M 7/04 (2006.01) H02P 27/06 (2006.01)**
[25] EN
[54] **CONVERTER APPARATUS USING SOURCE-ACTIVATED DISCHARGE CIRCUITS**
[54] **APPAREIL CONVERTISSEUR EMPLOYANT DES CIRCUITS DE DECHARGE ACTIVES A LA SOURCE**
[72] SIMMS, STAN REX, US
[72] MAURIN, JOHN DAVID, US
[72] FARR, THOMAS ARTHUR, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-03-21
[41] 2018-09-23
[30] US (15/467711) 2017-03-23

[21] **2,998,813**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 17/24 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **SAFE ABLATION OF EUSTACHIAN TUBE EPITHELIUM**
[54] **ABLATION SURE DE L'EPITHELIUM DE LA TROMPE D'EUSTACHE**
[72] GLINER, VADIM, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-21
[41] 2018-09-23
[30] US (15/467,774) 2017-03-23

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[21] **2,998,893**
[13] A1
[51] **Int.Cl. B66F 9/22 (2006.01) F15B 15/20 (2006.01) F15B 20/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAST STABILIZATION ON A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES ET METHODES DE STABILISATION DE MAT SUR UN VEHICULE DE TRANSPORT DE MATERIAU**
[72] YAHNER, JOSEPH THOMAS, US
[72] SMITH, ERIC ALBERT, US
[71] THE RAYMOND CORPORATION, US
[22] 2018-03-22
[41] 2018-09-23
[30] US (62/475590) 2017-03-23

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[21] **2,998,897**
[13] A1
[51] **Int.Cl. F16L 53/30 (2018.01) E03F 5/08 (2006.01) F24F 7/00 (2006.01) F28D 15/00 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **PASSIVE HEAT RECOVERY OR DEFROSTING DEVICE USING A CLOSED LOOP HEAT TRANSFER CIRCUIT**
[54] **DISPOSITIF DE RECUPERATION PASSIVE DE CHALEUR OU DEGIVRAGE EMPLOYANT UN CIRCUIT DE TRANSFERT THERMIQUE A BOUCLE FERMEE**
[72] DOBSON, JAMES W., CA
[71] DOBSON, JAMES W., CA
[22] 2018-03-22
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[51] **Int.Cl. F23J 15/00 (2006.01) F24V 30/00 (2018.01) B01D 53/02 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **FLUE GAS CARBON AND HEAT CAPTURE AND RECIRCULATION SYSTEM**
[54] **CAPTURE DE CARBONE ET DE CHALEUR DE GAZ DE CARNEAU, ET SYSTEME DE RECIRCULATION**
[72] CARDIFF, JAESON, CA
[71] CLEANO2 CARBON CAPTURE TECHNOLOGIES INC., CA
[22] 2018-03-22
[41] 2018-09-23
[30] US (62/475,400) 2017-03-23

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[51] **Int.Cl. H04M 1/19 (2006.01) H04W 12/02 (2009.01) G10K 11/175 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING MOBILE PHONE IN SECURITY RESTRICTED AREAS**
[54] **METHODE ET APPAREIL DESTINES A UN TELEPHONE MOBILE DANS LES ZONES A SECURITE CONTROLEE**
[72] SOFFER, AVIV, IL
[71] HIGH SEC LABS LTD., IL
[22] 2018-03-22
[41] 2018-09-23
[30] US (15/467,083) 2017-03-23

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[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KANNO, DAISUKE, JP
[72] YAMASAKI, TAKENORI, JP
[72] IDA, ATSUSHI, JP
[72] HAYASHI, DAISUKE, JP
[72] KURITA, SHUJI, JP
[72] KONDO, TAKASHI, JP
[72] HASHIMOTO, KEIJI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] TOYOTA SHATAI KABUSHIKI KAISHA, JP
[22] 2018-03-22
[41] 2018-09-24
[30] JP (2017-058313) 2017-03-24

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[13] A1
[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/04111 (2016.01) H01M 8/0662 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] KUSANO, YUYA, JP
[72] MIZUNO, HIDEAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-22
[41] 2018-09-27
[30] JP (2018-004320) 2018-01-15
[30] JP (2017-061464) 2017-03-27

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[13] A1
[51] **Int.Cl. A47K 10/16 (2006.01) B65H 18/28 (2006.01)**
[25] EN
[54] **COMPRESSED CORELESS ROLL OF SHEET PRODUCT HAVING A CENTER INDICATOR**
[54] **PRODUIT DE FEUILLE EN ROULEAU SANS NOYAU COMPRESSE COMPORTANT UN INDICATEUR DE CENTRE**
[72] NAGUBADI, RAJENDRA P., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2018-03-21
[41] 2018-09-27
[30] US (62/476,915) 2017-03-27
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[51] **Int.Cl. A47C 9/02 (2006.01) A41D 10/00 (2006.01) A41D 11/00 (2006.01)**
[25] EN
[54] **BABY SLEEPING GARMENT**
[54] **PYJAMA POUR BEBE**
[72] VILLARREAL, LOURDES, AU
[71] S & M TRADING PTY LTD., AU
[22] 2018-03-22
[41] 2018-09-24
[30] AU (2017901068) 2017-03-24

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[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/4147 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **A SYSTEM FOR ADVERTISING USING PVR AND METHOD OF USE**
[54] **UN SYSTEME DE PUBLICITE EMPLOYANT LES ENREGISTREURS VIDEO PERSONNELS ET METHODE D'UTILISATION**
[72] CECCARELLI, LORETO J., CA
[71] CECCARELLI, LORETO J., CA
[22] 2018-03-23
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[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
[54] **A DRIVING SYSTEM FOR DRIVING AT LEAST ONE AUGER OF A SNOW REMOVAL DEVICE, A SNOW REMOVAL DEVICE PROVIDED WITH SUCH A DRIVING SYSTEM, A KIT FOR THE INSTALLATION OF SUCH A DRIVING SYSTEM, A METHOD FOR INSTALLING SUCH A DRIVING SYSTEM, AND A METHOD FOR THE MANUFACTURE OF COMPONENTS OR PARTS OF THE DRIVING SYSTEM**
[54] **UN SYSTEME D'ENTRAINEMENT SERVANT A ENTRAINER AU MOINS UNE VIS SANS FIN D'UN DISPOSITIF D'ENLEVEMENT DE LA NEIGE, UN DISPOSITIF D'ENLEVEMENT DE LA NEIGE COMPORTANT UN TEL DISPOSITIF D'ENTRAINEMENT, UNE TROUSSE D'INSTALLATION D'UN TEL DISPOSITIF D'ENTRAINEMENT, UNE METHODE D'INSTALLATION D'UN TEL DISPOSITIF D'ENTRAINEMENT, ET UNE METHODE DE FABRICATION DES CO**
[72] CHAMPAGNE, CHRISTIAN, CA
[72] BELLEVILLE, BENOIT, CA
[72] BEAULIEU, NORMAND, CA
[72] PRONOVOST, REJEAN, CA
[71] LES MACHINERIES PRONOVOST INC., CA
[22] 2018-03-23
[41] 2018-09-24
[30] CA (2961915) 2017-03-24

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[13] A1
[51] **Int.Cl. B62D 25/04 (2006.01) B60J 1/02 (2006.01)**
[25] EN
[54] **FRONT PILLAR STRUCTURE**
[54] **STRUCTURE DE PILIER AVANT**
[72] IKEDA, KOKI, JP
[72] SAKABE, MOTOYA, JP
[72] KOMORIYA, KAZUKI, JP
[72] OGATA, KAZUYOSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-23
[41] 2018-09-27
[30] JP (2017-061557) 2017-03-27

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[13] A1
[51] **Int.Cl. B05B 1/08 (2006.01)**
[25] EN
[54] **COMPACT ULTRASONICALLY PULSED WATERJET NOZZLE**
[54] **BUSE DE JET D'EAU PULSE DE MANIERE ULTRASONIQUE COMPACTE**
[72] VIJAY, MOHAN, CA
[72] TIEU, ANDREW, CA
[72] YAN, WENZHOU, CA
[72] DANIELS, BRUCE, CA
[72] XU, MEISHING, CA
[71] VLN ADVANCED TECHNOLOGIES INC., CA
[22] 2018-03-23
[41] 2018-09-24
[30] US (62/476,149) 2017-03-24

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[51] **Int.Cl. A47J 31/20 (2006.01) A47J 31/10 (2006.01)**
[25] EN
[54] **DEVICE FOR PREPARING A FILTERED COFFEE BEVERAGE**
[54] **DISPOSITIF DE PREPARATION D'UNE BOISSON AU CAFE FILTREE**
[72] HERMSEN, MANFRED, DE
[71] HERMSEN, MANFRED, DE
[22] 2018-03-23
[41] 2018-09-27
[30] DE (10 2017 002 943.1) 2017-03-27

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[25] EN
[54] **ANTI-HUMAN ADRB3 MONOCLONAL ANTIBODY AND APPLICATION THEREOF IN DISEASE DIAGNOSIS AND TREATMENT**
[54] **ANTICORPS MONOCLONAL ADRB3 ANTI-HUMAIN ET UTILISATION DANS LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES**
[72] ZHENG, MENG, CN
[72] LIN, SHUGUANG, CN
[71] ZHENG, MENG, CN
[71] LIN, SHUGUANG, CN
[22] 2018-03-23
[41] 2018-09-24
[30] CN (CN201710183354.8) 2017-03-24

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[51] **Int.Cl. A42B 1/06 (2006.01) A41D 3/00 (2006.01) A41D 3/04 (2006.01) A41D 13/012 (2006.01)**
[25] EN
[54] **PROTECTIVE HOOD WITH IMPROVED VISION FOR WATERPROOF MARINE GARMENTS**
[54] **CAPUCHON PROTECTEUR A VISON AMELIOREE DESTINE A DES VETEMENTS MARINS IMPERMEABLES**
[72] HUSSEY, THOMAS KENNETH, AU
[72] MILCZARCZYK, BARTOSZ, AU
[71] ZHIK PTY LTD, AU
[22] 2018-03-22
[41] 2018-09-24
[30] AU (2017901058) 2017-03-24
[30] AU (2017902958) 2017-07-27
[30] US (15/923,440) 2018-03-16

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[51] **Int.Cl. A41D 13/012 (2006.01) A41D 3/06 (2006.01) A42B 1/18 (2006.01) B63C 11/04 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE HEADWEAR SYSTEM FOR WATERPROOF MARINE GARMENTS**
[54] **SYSTEME DE COIFFURES INTERCHANGEABLES DESTINE AUX VETEMENTS MARINS IMPERMEABLES**
[72] HUSSEY, THOMAS KENNETH, AU
[72] MILCZARCZYK, BARTOSZ, AU
[71] ZHIK PTY LTD, AU
[22] 2018-03-22
[41] 2018-09-23
[30] AU (2017901036) 2017-03-23
[30] US (15/923,411) 2018-03-16

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[51] **Int.Cl. G01S 5/04 (2006.01) H04W 64/00 (2009.01) H04W 84/10 (2009.01) H01Q 3/00 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING LOCATION INFORMATION FOR A MOBILE RADIO TRANSMITTER**
[54] **SYSTEME ET METHODE DE DETERMINATION D'INFORMATION D'EMPLACEMENT DESTINES A UN EMETTEUR RADIO MOBILE**
[72] KNOBLAUCH, THOMAS, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[22] 2018-03-22
[41] 2018-09-23
[30] CH (00381/17) 2017-03-23

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[51] **Int.Cl. A45F 5/00 (2006.01) A63C 3/00 (2006.01)**
[25] EN
[54] **SKATE CARRIER**
[54] **PORTE-PATINS**
[72] KOSCIELNUK, LORNE, CA
[71] KOSCIELNUK, LORNE, CA
[22] 2018-03-23
[41] 2018-09-24
[30] US (62/476,466) 2017-03-24

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[13] A1
[51] **Int.Cl. B25B 27/02 (2006.01) B23P 19/02 (2006.01)**
[25] EN
[54] **VALVE SEAT EXTRACTION DEVICE**
[54] **APPAREIL D'EXTRACTION DE SIEGE DE VALVE**
[72] RASMUSSEN, ERIK, US
[71] RASMUSSEN, ERIK, US
[22] 2018-03-22
[41] 2018-09-28
[30] US (62/477,604) 2017-03-28
[30] US (15/904,996) 2018-02-26

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[51] **Int.Cl. F16L 23/16 (2006.01) F16J 15/12 (2006.01) F16L 23/036 (2006.01) F16L 23/14 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **SEALED DRIVE SLIP**
[54] **JOINT ENCLENCHE SCELLE**
[72] MARR, JASON E., US
[71] DUCTMATE INDUSTRIES, INC., US
[22] 2018-03-23
[41] 2018-09-24
[30] US (62/476294) 2017-03-24
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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **CATHETER WITH DEFORMABLE DISTAL ELECTRODE**
[54] **CATHETER DOTE D'UNE ELECTRODE DISTALE DEFORMABLE**
[72] BASU, SHUBHAYU, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-23
[41] 2018-09-24
[30] US (15/469,252) 2017-03-24

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[51] **Int.Cl. A24F 1/00 (2006.01)**
[25] EN
[54] **SMOKING DEVICE**
[54] **APPAREIL DE FUMAGE**
[72] CAPPELUCCI, DAVID, US
[72] DANNER, IAN, US
[71] CAPPELUCCI, DAVID, US
[71] DANNER, IAN, US
[22] 2018-03-23
[41] 2018-09-24
[30] US (62/475928) 2017-03-24

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[13] A1
[51] **Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **TREATMENT OF MATURE FINE TAILINGS IN PRODUCED WATER BY FLOCCULATION AND DEWATERING**
[54] **TRAITEMENT DE RESIDUS FINS MATURES DANS L'EAU PRODUITE PAR FLOCULATION ET DESHYDRATATION**
[72] TOMLA, CHRISTABEL, US
[72] KUZNETSOV, OLEKSANDR V., US
[72] SURESH, RADHIKA, US
[72] SILVEIRA, SCOTT J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[22] 2018-03-23
[41] 2018-09-23
[30] US (62/475659) 2017-03-23

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[51] **Int.Cl. C10M 163/00 (2006.01) C10M 137/10 (2006.01) C10M 159/12 (2006.01) C10M 159/20 (2006.01)**
[25] EN
[54] **MARINE ENGINE LUBRICATION**
[54] **LUBRIFICATION DE MOTEUR MARIN**
[72] MARSH, ADAM PAUL, GB
[72] HUGHES, JONATHAN MARK, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2018-03-23
[41] 2018-09-24
[30] EP (17162837.3) 2017-03-24

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[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01) G09F 7/00 (2006.01)**
[25] EN
[54] **IN-STORE FIXTURE OR SIGNAGE WITH LOCATION BASED INTELLIGENCE**
[54] **APPAREIL OU ENSEIGNE EN MAGASIN DOTE DE CAPACITES INTELLIGENTES FONDEES SUR L'EMPLACEMENT**
[72] ABDELGALIL, HANI, CA
[72] MURRAY, ROBERT M., CA
[72] KISIEL, RYSZARD W., CA
[71] MCRAE IMAGING, CA
[22] 2018-03-27
[41] 2018-09-28
[30] US (62/477,785) 2017-03-28

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[51] **Int.Cl. B65D 51/16 (2006.01)**
[25] EN
[54] **FOOD JAR**
[54] **JARRE A ALIMENTS**
[72] LANE, MARVIN, US
[71] THERMOS L.L.C., US
[22] 2018-03-26
[41] 2018-09-27
[30] US (62/477,300) 2017-03-27
[30] US (62/581,350) 2017-11-03

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[13] A1
[51] **Int.Cl. B65D 1/40 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **PRESSURE REDUCTION-ABSORBING BOTTLE**
[54] **BOUTEILLE ABSORBANTE A REDUCTION DE PRESSION**
[72] USAMI, TETSURO, JP
[72] ASAOKA, SEIICHI, JP
[72] HARUNA, TAKAHIRO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[22] 2018-03-26
[41] 2018-09-27
[30] JP (2017-060398) 2017-03-27
[30] JP (2017-060399) 2017-03-27

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[13] A1
[51] **Int.Cl. B01D 53/92 (2006.01)**
[25] EN
[54] **CATALYST SUBSTRATE MOUNTING MAT**
[54] **MAT D'INSTALLATION DE SUBSTRAT DE CATALYSEUR**
[72] CHENOWETH, KURT, US
[71] CATERPILLAR INC., US
[22] 2018-03-23
[41] 2018-09-29
[30] US (15/472899) 2017-03-29

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[13] A1
[51] **Int.Cl. A47C 7/14 (2006.01) A47C 3/025 (2006.01)**
[25] EN
[54] **CHAIR SUPPORTED BY BELLOWS WITH MOTION CONTROL**
[54] **CHAISE SOUTENUE PAR DES SOUFFLETS A COMMANDE DE MOUVEMENT**
[72] TOLAND, JAMIE, US
[72] GREGORY, JOHN, US
[72] FLETCHER, SCOTT LLOYD, US
[71] VIRCO MFG. CORPORATION, US
[22] 2018-03-26
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[30] US (62/477,348) 2017-03-27

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[51] **Int.Cl. A47C 9/00 (2006.01) A47C 3/18 (2006.01) A47C 3/24 (2006.01) A63B 23/00 (2006.01) A63B 23/02 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **THERAPY STOOL HAVING AN ADJUSTABLE HEIGHT AND A TILTABLE SEAT**
[54] **BANC THERAPEUTIQUE A HAUTEUR AJUSTABLE ET SIEGE INCLINABLE**
[72] GREGORY, JOHN, US
[72] TOLAND, JAMIE, US
[71] VIRCO MFG. CORPORATION, US
[22] 2018-03-26
[41] 2018-09-27
[30] US (62/477,345) 2017-03-27

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[13] A1
[51] **Int.Cl. A47C 3/02 (2006.01) A47C 3/029 (2006.01) A47C 3/16 (2006.01)**
[25] EN
[54] **LOW PROFILE ROCKING CHAIR**
[54] **CHAISE BERCANTE A PROFIL BAS**
[72] FLETCHER, SCOTT LLOYD, US
[72] HUI, MAN F., US
[72] GLASS, PETER, US
[72] MILLS, ROBERT, US
[72] VIRTUE, DOUGLAS A., US
[72] RODRIGUEZ, SERGIO, US
[71] VIRCO MFG. CORPORATION, US
[22] 2018-03-26
[41] 2018-09-27
[30] US (62/477,368) 2017-03-27
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[13] A1
[51] **Int.Cl. B66C 13/40 (2006.01) B66C 13/12 (2006.01) E02F 9/22 (2006.01) F15B 13/02 (2006.01) F15B 13/08 (2006.01) F15B 21/00 (2006.01)**
[25] EN
[54] **HYDRAULIC SUPPLY SYSTEMS**
[54] **SYSTEME D'APPROVISIONNEMENT HYDRAULIQUE**
[72] ELLIOTT, KEVIN M., US
[71] COACH TRUCK & TRACTOR LLC, US
[22] 2018-03-26
[41] 2018-09-29
[30] US (62/478,170) 2017-03-29
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[51] **Int.Cl. H02J 4/00 (2006.01) G05F 1/10 (2006.01) H02H 7/00 (2006.01)**
[25] EN
[54] **POWER SUPPLY APPARATUS WITH SOFT-START AND PROTECTION**
[54] **APPAREIL D'ALIMENTATION ELECTRIQUE DOTE D'UN DEMARRAGE EN DOUCEUR ET DE PROTECTION**
[72] KAO, HAN-JUNG, CN
[71] HAN-WIN TECHNOLOGY CO., LTD., CN
[71] KAO, HAN-JUNG, CN
[22] 2018-03-26
[41] 2018-09-29
[30] TW (106204431) 2017-03-29
[30] TW (106206915) 2017-05-15

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[13] A1
[51] **Int.Cl. G99Z 99/00 (2006.01) G21G 7/00 (2009.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **SYNTHETIC ATOMIC FUEL AND A METHOD OF PRODUCING SAME**
[54] **COMBUSTIBLE ATOMIQUE SYNTHETIQUE ET METHODE DE PRODUCTION ASSOCIEE**
[72] LESKOSEK, JAMES ANDREW, CA
[71] LESKOSEK, JAMES ANDREW, CA
[22] 2018-03-26
[41] 2018-09-24
[30] US (62/476,303) 2017-03-24

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[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING AND TRANSFERRING FINANCIAL CAPITAL**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE ET DE TRANSFERT DE CAPITAL FINANCIER**
[72] RADIOTIS, CONSTANTINE, CA
[72] GERARDI, SCOTT, US
[72] WALLIS, GREG, CA
[72] STERNS, SARAH, CA
[72] FOSTER, RYAN, CA
[71] 9160-4181 QUEBEC INC., DBA: NCR FINANCIAL SERVICES, CA
[22] 2018-03-26
[41] 2018-09-27
[30] US (62/477,281) 2017-03-27

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[13] A1
[51] **Int.Cl. H02B 1/30 (2006.01) H02G 3/04 (2006.01) H02P 27/06 (2006.01)**
[25] EN
[54] **MODULAR CONFIGURABLE ADJUSTABLE-SPEED DRIVE**
[54] **ENTRAINEMENT A VITESSE VARIABLE CONFIGURABLE ET MODULAIRE**
[72] COLLETTE, MICHAEL, US
[72] KELLEY, JOHN T., US
[72] MARTINEZ, ENRIQUE, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
[22] 2018-03-23
[41] 2018-09-23
[30] US (15/467,693) 2017-03-23

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[13] A1
[51] **Int.Cl. F16F 15/02 (2006.01) B06B 1/04 (2006.01) B64C 27/00 (2006.01) F16F 15/131 (2006.01)**
[25] FR
[54] **DYNAMIC STRESS GENERATORS INCLUDING AT LEAST TWO BALLASTS AND ACTUATOR INCLUDING SUCH GENERATORS**
[54] **GENERATEUR D'EFFORTS DYNAMIQUES COMPRENANT AU MOINS DEUX BALOURDS ET ACTIONNEUR COMPRENANT DE TELS GENERATEURS**
[72] SIX, MARC-FRANCOIS, FR
[72] TAVIN, GERARD, FR
[71] HUTCHINSON, FR
[22] 2018-03-23
[41] 2018-09-28
[30] FR (1752598) 2017-03-28

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) F02N 11/12 (2006.01)**
[25] EN
[54] **DEVICE CAPABLE OF ACHIEVING FAST CHARGE AND FAST DISCHARGE OF A VEHICLE EMERGENCY STARTING POWER SOURCE**
[54] **DISPOSITIF CAPABLE DE REALISER UNE CHARGE RAPIDE ET UNE DECHARGE RAPIDE D'UNE SOURCE D'ALIMENTATION DE DEMARRAGE D'URGENCE DE VEHICULE**
[72] JIARONG, LIN, CN
[71] USA HUANEN INTERNATIONAL GROUP LLC, US
[22] 2018-03-26
[41] 2018-09-27
[30] CN (201710188320.8) 2017-03-27

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[13] A1
[51] **Int.Cl. A01G 9/12 (2006.01) A91G 17/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR DIRECTING PLANT GROWTH**
[54] **SYSTEME ET METHODE D'ORIENTATION DE CROISSANCE DE VEGETAUX**
[72] GILLEY, IAN, US
[71] GILLEY, IAN, US
[22] 2018-03-26
[41] 2018-09-24
[30] US (15/927,687) 2018-03-21
[30] US (62/476,482) 2017-03-24

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **CATHETER WITH IMPROVED LOOP CONTRACTION AND GREATER CONTRACTION DISPLACEMENT**
[54] **CATHETER A CONTRACTION DE BOUCLE AMELIOREE ET DEPLACEMENT DE CONTRACTION SUPERIEUR**
[72] PADILLA, RICARDO, US
[72] PADILLA, HOMERO, US
[72] BUI, JULIE, US
[72] SOLIS, MARIO, US
[72] SELKEE, THOMAS, US
[72] JIMENEZ, JOSE, US
[72] DATTA, KESHAVA, US
[72] SALAZAR, FERNANDO, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-26
[41] 2018-09-27
[30] US (15/470,291) 2017-03-27

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[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **SENSOR FOR FACILITATING CATHETER VISUALIZATION**
[54] **CAPTEUR FACILITANT LA VISUALISATION DE CATHETER**
[72] OSADCHY, DANIEL, IL
[72] FELDMAN, KONSTANTIN, IL
[72] PRESSMAN, ASSAF, IL
[72] COHEN, SHMUEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-26
[41] 2018-09-27
[30] US (15/469,895) 2017-03-27

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[13] A1
[51] **Int.Cl. H01Q 1/44 (2006.01) H01Q 1/38 (2006.01) H01Q 1/42 (2006.01) H01Q 9/04 (2006.01) H01Q 21/12 (2006.01)**
[25] EN
[54] **CONCEALED ANTENNA NODE**
[54] **NOEUD D'ANTENNE CACHE**
[72] MING, CAO, IE
[72] SVARC, MICHAL, IE
[72] LAWLOR, FERGAL, IE
[71] ALPHA WIRELESS LIMITED, IE
[22] 2018-03-27
[41] 2018-09-27
[30] GB (1704854.7) 2017-03-27

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[13] A1
[51] **Int.Cl. A61L 27/30 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) A61L 31/08 (2006.01)**
[25] EN
[54] **ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE GALLIUM-CONTAINING HYDROXYAPATITE COATING AND METHODS FOR MAKING THE SAME**
[54] **IMPLANT ORTHOPEDIQUE COMPORTANT UN REVETEMENT HYDROXYPATITE RENFERMANT DU GALLIUM CRISTALLIN ET METHODES DE FABRICATION ASSOCIEES**
[72] KASINATH, RAJENDRA, US
[72] ERNSBERGER, CRAIG, US
[72] VASS, STEPHANIE, US
[72] GINN, STEVEN N., US
[72] QU, HAIBO, US
[72] TONG, WEIDONG, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2018-03-27
[41] 2018-09-28
[30] US (15/472,186) 2017-03-28

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[13] A1
[51] **Int.Cl. A62C 33/00 (2006.01) F16L 35/00 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **FIRE HOSE COUPLINGS AND ADAPTERS**
[54] **ADAPTATEURS ET RACCORDS DE TUYAU D'INCENDIE**
[72] ELIOT, SCOTT TAYLOR, US
[71] ELIOT, SCOTT TAYLOR, US
[22] 2018-03-27
[41] 2018-09-28
[30] US (62/477676) 2017-03-28
[30] US (15/923322) 2018-03-16

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[13] A1
[51] **Int.Cl. A42B 3/10 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **SAFETY HELMET WITH ROTARY IMPACT BUFFERING FUNCTION**
[54] **CASQUE DE SECURITE A FONCTION D'AMORTISSEMENT D'IMPACT A ROTATION**
[72] GU, ZHENGHUI, CN
[71] GU, ZHENGHUI, CN
[22] 2018-03-27
[41] 2018-09-27
[30] CN (201720306130.7) 2017-03-27
[30] CN (201720409239.3) 2017-04-18
[30] CN (201710693725.7) 2017-08-14
[30] CN (201810210306.8) 2018-03-14

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[13] A1
[51] **Int.Cl. H05K 7/02 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR MOUNTING SENSORS**
[54] **SYSTEME D'INSTALLATION DE CAPTEURS**
[72] KOZDRAS, RICHARD, CA
[71] KOZDRAS, RICHARD, CA
[22] 2018-03-27
[41] 2018-09-27
[30] US (62/476,946) 2017-03-27
[30] US (62/487,141) 2017-04-19
[30] US (62/488,950) 2017-04-24
[30] US (62/504,190) 2017-05-10
[30] US (62/522,286) 2017-06-20
[30] US (62/525,333) 2017-06-27

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[13] A1
[51] **Int.Cl. A61B 17/24 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **MEDICAL DEVICE HAVING A REUSABLE POSITION SENSOR**
[54] **DISPOSITIF MEDICAL COMPORTANT UN CAPTEUR DE POSITION REUTILISABLE**
[72] ALGAWI, YEHUDA, IL
[72] GOVARI, ASSAF, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-27
[41] 2018-09-28
[30] US (15/471,766) 2017-03-28

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61L 29/02 (2006.01) A61L 29/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **CATHETER WITH FLOATING CURVATURE**
[54] **CATHETER A COURBE FLOTTANTE**
[72] BAZILIAN, LEONID, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-27
[41] 2018-09-28
[30] US (15/471,960) 2017-03-28

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[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **AN ATTRACTION FOR AN ADVENTURE PARK OR FOR ENTERTAINMENT**
[54] **UNE ATTRACTION DESTINEE A UN PARC D'AVENTURES OU AU DIVERTISSEMENT**
[72] LAIDLAW, ANDREW WILLIAM, AU
[72] ALDERSEY, RICHARD JUSTIN BOYD, AU
[71] URBAN FRINGE ENTERTAINMENT PTY LTD, AU
[22] 2018-03-28
[41] 2018-09-29
[30] AU (2017901122) 2017-03-29

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[13] A1
[51] **Int.Cl. B60C 27/00 (2006.01) B60B 39/00 (2006.01)**
[25] EN
[54] **VEHICLE TRACTION MAT**
[54] **TAPIS DE TRACTION POUR VEHICULE**
[72] JOYCE, MICHAEL, CA
[71] JOYCE, MICHAEL, CA
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/477,794) 2017-03-28

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[13] A1
[51] **Int.Cl. B63H 20/00 (2006.01) B63B 49/00 (2006.01) B63H 21/17 (2006.01) B63H 21/36 (2006.01) G01S 7/521 (2006.01)**
[25] EN
[54] **CONNECTION AND FEATURES FOR INTERCHANGEABLE NOSECONE FOR A TROLLING MOTOR**
[54] **CONNEXION ET FONCTIONNALITES DE COIFFE INTERCHANGEABLE DESTINEE A UN PROPULSEUR ELECTRIQUE**
[72] BURTON, AARON J., US
[72] LASTER, MATTHEW, US
[72] CLARK, JEREMIAH, US
[72] CRAWFORD, CHRISTOPHER DEAN, US
[72] BAILEY, PAUL ROBERT, US
[71] NAVICO HOLDING AS, NO
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/477773) 2017-03-28
[30] US (62/492472) 2017-05-01
[30] US (15/834464) 2017-12-07

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[13] A1
[51] **Int.Cl. B65D 30/20 (2006.01) B65D 30/02 (2006.01) B65D 30/10 (2006.01)**
[25] EN
[54] **EMBOSSED GUSSETED CONTAINER AND ROLL**
[54] **CONTENANT EMBOSSE A GOUSSETS ET ROULEAU**
[72] CHIU, MANUEL, CA
[72] NEWSOME, ROY ALLAN, US
[71] HOOD PACKAGING CORPORATION, CA
[22] 2018-03-27
[41] 2018-09-27
[30] US (62/477,171) 2017-03-27

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[13] A1
[51] **Int.Cl. B60W 20/00 (2016.01) B60W 10/06 (2006.01) B60W 10/26 (2006.01) F01N 9/00 (2006.01)**
[25] EN
[54] **EXHAUST GAS CONTROL SYSTEM AND EXHAUST GAS CONTROL METHOD FOR HYBRID VEHICLE**
[54] **SYSTEME DE CONTROLE DE GAZ D'ECHAPPEMENT ET METHODE DE CONTROLE DE GAZ D'ECHAPPEMENT D'UN VEHICULE HYBRIDE**
[72] FUKUDA, KOICHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-28
[41] 2018-09-29
[30] JP (2017-065558) 2017-03-29

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[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25B 1/10 (2006.01) F25B 31/00 (2006.01)**
[25] EN
[54] **PARALLEL COMPRESSION IN LNG PLANTS USING A DOUBLE FLOW COMPRESSOR**
[54] **COMPRESSION PARALLELE DANS LES USINES DE GNL AU MOYEN D'UN COMPRESSEUR A DOUBLE FLUX**
[72] WEHRMAN, JOSEPH GERARD, US
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-03-28
[41] 2018-09-29
[30] US (15/472,701) 2017-03-29

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[13] A1
[51] **Int.Cl. A61L 27/30 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) A61L 31/08 (2006.01)**
[25] EN
[54] **ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS FOR MAKING THE SAME**
[54] **IMPLANT ORTHOPEDIQUE COMPORTANT UN REVETEMENT DE PHOSPHATE DE CALCIUM CRISTALLIN ET METHODES DE FABRICATION ASSOCIEES**
[72] KASINATH, RAJENDRA, US
[72] ERNSBERGER, CRAIG, US
[72] VASS, STEPHANIE, US
[72] GINN, STEVEN N., US
[72] QU, HAIBO, US
[72] TONG, WEIDONG, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2018-03-27
[41] 2018-09-28
[30] US (15/472,189) 2017-03-28

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[13] A1
[51] **Int.Cl. E04C 3/29 (2006.01) E04B 1/18 (2006.01) E04C 3/02 (2006.01) E04C 3/12 (2006.01) E04C 3/36 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **WALL FRAMING SYSTEM**
[54] **SYSTEME DE STRUCTURE DE MURS**
[72] VIENS, MAURICE, CA
[71] BIFFCO FRAMING LIMITED, CA
[22] 2018-03-27
[41] 2018-09-27
[30] US (62/477,225) 2017-03-27

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[13] A1
[51] **Int.Cl. H02G 3/04 (2006.01)**
[25] EN
[54] **UTILITY CONDUIT SYSTEM**
[54] **SYSTEME DE CONDUIT DE SERVICE PUBLIC**
[72] LI, JIAN HUA, US
[72] MORTUN, SORIN, US
[72] CRETELLA, JOSEPH, US
[71] HUBBELL INCORPORATED, US
[22] 2018-03-28
[41] 2018-09-29
[30] US (62/478,321) 2017-03-29

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/32 (2012.01) H04W 4/50 (2018.01) H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING A SERICE PROVIDER INFRASTRUCTURE**
[54] **METHODE ET SYSTEME DE GESTION D'UNE INFRASTRUCTURE DE FOURNISSEUR DE SERVICE**
[72] LODEIRO, LUCAS, UY
[72] LOPEZ PAREJA, EZEQUIEL, UY
[72] SCAPUSIO, GASTON, UY
[71] INTRAWAY R&D S.A., UY
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/478,016) 2017-03-28

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[21] **2,999,567**
[13] A1
[51] **Int.Cl. A47B 96/06 (2006.01) F16B 7/22 (2006.01)**
[25] EN
[54] **SHELVING UNIT WITH CAPACITY INCREASING TIE MEMBERS**
[54] **MODULE DE TABLETTE DOTE D'ELEMENTS DE FIXATION AUGMENTANT LA CAPACITE**
[72] LISS, MITCHELL, US
[72] LAMBER, JEFF, US
[72] WOJTOWICZ, DAVID J., US
[72] BIANCHIN, MITCHELL E., US
[72] TROYNER, ANTHONY J., US
[72] FITZGERALD, SCOTT, US
[71] EDSAL MANUFACTURING COMPANY, INC., US
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/610,210) 2017-12-24
[30] US (62/640,908) 2018-03-09
[30] US (62/477,723) 2017-03-28
[30] US (62/577,492) 2017-10-26

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SELF-PROVISIONING OF CABLE MODEMS AND MULTIMEDIA TERMINAL ADAPTERS**
[54] **METHODE ET SYSTEME D'AUTO-APPROVISIONNEMENT DE MODEM CABLE ET ADAPTATEUR DE TERMINAL MULTIMEDIA**
[72] RZEZAK, LEANDRO, UY
[72] CLARO, MARTIN, UY
[71] INTRAWAY R&D S.A., UY
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/477,704) 2017-03-28

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[13] A1
[51] **Int.Cl. A45F 5/02 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **BELT CLIP FOR POWER TOOL**
[54] **PINCE DE CEINTURE DESTINEE A UN OUTIL ELECTRIQUE**
[72] WOODHAMS, TODD ERIC, US
[72] XIONG, MO BO, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-03-28
[41] 2018-09-29
[30] US (62/478,394) 2017-03-29
[30] US (62/581,106) 2017-11-03

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[21] **2,999,581**
[13] A1
[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTER ASSISTED DATABASE CHANGE DOCUMENTATION**
[54] **SYSTEMES ET METHODE DE DOCUMENTATION DE MODIFICATION DE BASE DE DONNEES ASSISTEE PAR ORDINATEUR**
[72] AUSTIN, DANIEL BRYAN, US
[72] SPICER, CHRIS, US
[71] WALMART APOLLO, LLC, US
[22] 2018-03-28
[41] 2018-09-28
[30] US (62/477,504) 2017-03-28

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[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A47K 10/16 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES COMPRISING SENSATES**
[54] **STRUCTURES FIBREUSES RENFERMANT DES AGENTS SENSORIELS**
[72] SAKAAN ZAYID, LATISHA EVETTE, US
[72] SREEKRISHNA, KOTI TATACHAR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2018-03-28
[41] 2018-09-29
[30] US (62/478,110) 2017-03-29

[21] **2,999,591**
[13] A1
[51] **Int.Cl. G01F 23/14 (2006.01)**
[25] EN
[54] **A LIQUID LEVEL MONITORING SYSTEM**
[54] **UN SYSTEME DE SURVEILLANCE DU NIVEAU DE LIQUIDE**
[72] KULCZYK, WOJCIECH KONRAD, GB
[71] WESTON AEROSPACE LIMITED, GB
[22] 2018-03-28
[41] 2018-09-29
[30] GB (1705039.4) 2017-03-29

[21] **2,999,656**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **A LIGHT PARTICLE OR MIXED PARTICLE SYSTEM FOR WASTEWATER TREATMENT**
[54] **UN SYSTEME DE PARTICULES LEGERES OU DE PARTICULES MIXTES DESTINEES AU TRAITEMENT DES EAUX USEES**
[72] ZHU, JINGXU, CA
[72] SHAO, YUANYUAN, CA
[72] MA, KEYING, CN
[72] WANG, LIN, CN
[72] NAKHLA, GEORGE, CA
[71] WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD., CN
[22] 2018-03-29
[41] 2018-09-29
[30] CN (201710197479.6) 2017-03-29
[30] CN (201710198025.0) 2017-03-29
[30] CN (201710199429.1) 2017-03-29
[30] CN (201710199428.7) 2017-03-29
[30] CN (201710206300.9) 2017-03-29

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[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/00 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01)**
[25] EN
[54] **A CONTAINER-TYPE APPARATUS WITH A SUSPENDED PARTICLE SYSTEM FOR WASTEWATER TREATMENT**
[54] **UN APPAREILLAGE DE TYPE CONTENANT DOTE D'UN SYSTEME DE PARTICULES SUSPENDUES EN VUE DU TRAITEMENT DES EAUX USEES**
[72] ZHU, JINGXU, CA
[72] LI, HAIBIN, CN
[72] WANG, XIAOBO, CN
[72] LIU, ANQI, CN
[72] ZHAO, ZENGLI, CN
[72] LI, MING, CN
[72] SHAO, YUANYUAN, CA
[72] NAKHLA, GEORGE, CA
[71] WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD., CN
[22] 2018-03-29
[41] 2018-09-29
[30] CN (201710197463.5) 2017-03-29
[30] CN (201710199430.4) 2017-03-29

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[13] A1
[51] **Int.Cl. C02F 3/10 (2006.01) C02F 3/02 (2006.01) C02F 3/08 (2006.01)**
[25] EN
[54] **A CAGE PARTICLE DISTRIBUTION SYSTEM FOR WASTEWATER TREATMENT**
[54] **UN SYSTEME DE DISTRIBUTION DE PARTICULES EN CAGE DESTINE AU TRAITEMENT DES EAUX USEES**
[72] ZHU, JINGXU, CA
[72] SHAO, YUANYUAN, CA
[72] MA, KEYING, CN
[72] WANG, LIN, CN
[72] NAKHLA, GEORGE, CA
[71] WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD., CN
[22] 2018-03-29
[41] 2018-09-29
[30] CN (201710196937.4) 2017-03-29
[30] CN (201710198063.6) 2017-03-29

[21] **2,999,716**
[13] A1
[51] **Int.Cl. H01Q 1/12 (2006.01) E04H 12/18 (2006.01)**
[25] EN
[54] **AZIMUTH ADJUSTABLE TILT-TOWER SYSTEM**
[54] **SYSTEME DE TOUR A INCLINAISON AJUSTABLE SELON L'AZIMUT**
[72] TIMIAN, JAIME, US
[72] ANDERSON, CHARLES A., US
[72] GALLAGHER, SEAN P., US
[71] TIMIAN, JAIME, US
[71] ANDERSON, CHARLES A., US
[71] GALLAGHER, SEAN P., US
[22] 2018-03-29
[41] 2018-09-29
[30] US (62/478,415) 2017-03-29

[21] **2,999,732**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **A SLIGHTLY HEAVY PARTICLE SYSTEM FOR WASTEWATER TREATMENT**
[54] **UN SYSTEME DE PARTICULES UN PEU LOURDES DESTINE AU TRAITEMENT DE L'EAU**
[72] ZHU, JINGXU, CA
[72] LI, HAIBIN, CN
[72] SHAO, YUANYUAN, CA
[72] WANG, XIAOBO, CN
[72] LIU, ANQI, CN
[72] ZHAO, ZHENGLI, CN
[72] NAKHLA, GEORGE, CA
[72] NELSON, MICHAEL, CA
[71] WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD., CN
[22] 2018-03-29
[41] 2018-09-29
[30] CN (201710198021.2) 2017-03-29

[21] **2,999,742**
[13] A1
[51] **Int.Cl. B64D 11/04 (2006.01) A47B 77/04 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **RECEIVING DEVICE FOR RECEIVING A FOOD OR DRINK COMPONENT FOR A FOOD OR DRINK PREPARATION MACHINE, PARTICULARLY FOR BEVERAGE/MEAL PREPARATION IN AN AIRCRAFT GALLEY, AND A FOOD OR BEVERAGE PREPARATION MACHINE**
[54] **DISPOSITIF DE RECEPTION DESTINE A RECEVOIR UNE COMPOSANTE D'ALIMENT OU DE BOISSON D'UNE MACHINE DE PREPARATION D'ALIMENT OU DE BOISSON, PARTICULIEREMENT LA PREPARATION D'UNE BOISSON OU D'UN METS DANS UNE CUISINE D'AERONEF, ET MACHINE DE PREPARATION D'ALIMENT OU DE BOISSON**
[72] PODLASIN, PETER, DE
[72] SCHAFER, THOMAS, DE
[72] ADOMEIT, SIEGFRIED, DE
[72] MUTH, ARNO, DE
[71] SELL GMBH, DE
[22] 2018-03-29
[41] 2018-09-29
[30] EP (17163669.9) 2017-03-29

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[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **TITANIUM-COBALT ALLOY AND ASSOCIATED THIXOFORMING METHOD**
[54] **ALLIAGE TITANE-COBALT ET METHODE DE THIXOFORMAGE ASSOCIEE**
[72] CARAM, RUBENS, JR., US
[72] CAMPO, KAIO NITTSU, US
[72] DE FREITAS, CAIO CHAUSSE, US
[72] PARRISH, CATHERINE J., US
[71] THE BOEING COMPANY, US
[71] UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP, BR
[22] 2018-03-29
[41] 2018-09-29
[30] US (15/473,078) 2017-03-29

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[51] **Int.Cl. C22C 21/12 (2006.01) C22C 21/00 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **TITANIUM-COPPER-IRON ALLOY AND ASSOCIATED THIXOFORMING METHOD**
[54] **ALLIAGE TITANE-CUIVRE-FER ET METHODE DE THIXOFORMAGE ASSOCIEE**
[72] PARRISH, CATHERINE J., US
[72] CARAM, RUBENS, US
[72] CAMPO, KAIO NIITSU, US
[72] DE FREITAS, CAIO CHAUSSE, US
[71] THE BOEING COMPANY, US
[71] UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP, BR
[22] 2018-03-29
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[30] US (15/472948) 2017-03-29

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[13] A1
[51] **Int.Cl. A47G 19/03 (2006.01) B65D 25/14 (2006.01)**
[25] EN
[54] **INSULATED PAPER CUPS AND LIDS AND TAKE-OUT CONTAINERS**
[54] **GOBELETS EN PAPIER ET COUVERCLES ISOLES ET BARQUETTES**
[72] LEUNG, ALAN N., CA
[71] LEUNG, ALAN N., CA
[22] 2018-04-24
[41] 2018-09-27

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[13] A1
[51] **Int.Cl. A01K 15/02 (2006.01) A63K 3/00 (2006.01)**
[25] EN
[54] **A PRACTICE APPARATUS FOR EQUINE BARREL RACING**
[54] **UN APPAREIL DE PRATIQUE DE COURSE DE BARILS A CHEVAL**
[72] GIPSON, TOMMIE C., US
[71] GIPSON, TOMMIE C., US
[22] 2018-07-13
[41] 2018-09-24
[30] US (62/668,686) 2018-05-08

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[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PDNA83**
[54] **VARIETE DE SOJA 5PDNA83**
[72] KALVIG, ANDREA BETH, US
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,654) 2018-05-15

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[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PSGM88**
[54] **VARIETE DE SOJA 5PSGM88**
[72] ALT, JESSIE LYNN, US
[72] KALVIG, ANDREA BETH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,748) 2018-05-15

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[25] EN
[54] **SOYBEAN VARIETY 5PRZQ77**
[54] **VARIETE DE SOJA 5PRZQ77**
[72] ALT, JESSIE LYNN, US
[72] KALVIG, ANDREA BETH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,738) 2018-05-15

[21] **3,012,619**
[13] A1
[51] **Int.Cl. B60D 1/06 (2006.01) B60D 1/24 (2006.01) B60D 1/48 (2006.01)**
[25] EN
[54] **MULTI-ATTACHMENT TRAILER HITCH WITH ATTACHMENTS MOVABLE BETWEEN WORKING AND STORAGE POSITIHONS**
[54] **ATTACHE DE REMORQUE MULTI-FIXATION DOTEE DE FIXATIONS A POSITION D'UTILISATION ET POSITION DE RANGEMENT**
[72] CASSIDY, SEAN, CA
[71] CASSIDY, SEAN, CA
[22] 2018-07-27
[41] 2018-09-27

[21] **3,012,620**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PWAV53**
[54] **VARIETE DE SOJA 5PWAV53**
[72] KOCAK, KYLE JAMES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,715) 2018-05-15

[21] **3,012,623**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PLSB92**
[54] **VARIETE DE SOJA 5PLSB92**
[72] CARDEN, BRIAN ALLEN, US
[72] KALVIG, ANDREA BETH, US
[72] KYLE, DONALD, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,741) 2018-05-15

[21] **3,012,628**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PVGJ25**
[54] **VARIETE DE SOJA 5PVGJ25**
[72] ALT, JESSIE LYNN, US
[72] KALVIG, ANDREA BETH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,757) 2018-05-15

[21] **3,012,629**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PLMK17**
[54] **VARIETE DE SOJA 5PLMK17**
[72] KALVIG, ANDREA BETH, US
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,623) 2018-05-15

[21] **3,012,634**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PUDE31**
[54] **VARIETE DE SOJA 5PUDE31**
[72] KOCAK, KYLE JAMES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,690) 2018-05-15

[21] **3,012,638**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PNZG27**
[54] **VARIETE DE SOJA 5PNZG27**
[72] CARDEN, BRIAN ALLEN, US
[72] KALVIG, ANDREA BETH, US
[72] KYLE, DONALD, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,783) 2018-05-15

[21] **3,012,643**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PAMV57**
[54] **VARIETE DE SOJA 5PAMV57**
[72] CARDEN, BRIAN ALLEN, US
[72] KALVIG, ANDREA BETH, US
[72] KYLE, DONALD, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,792) 2018-05-15

[21] **3,012,650**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PMFH81**
[54] **VARIETE DE SOJA 5PMFH81**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,634) 2018-05-15

[21] **3,012,664**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PZGK37**
[54] **VARIETE DE SOJA 5PZGK37**
[72] ALT, JESSIE LYNN, US
[72] KALVIG, ANDREA BETH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-26
[30] US (15/979,722) 2018-05-15

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[13] A1
[51] **Int.Cl. E21B 43/1185 (2006.01) E21B 23/00 (2006.01) E21B 23/06 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **SETTING TOOL IGNITER SYSTEM AND METHOD**
[54] **SYSTEME D'ALLUMEUR A OUTIL DE FIXATION ET METHODE**
[72] SULLIVAN, SHELBY L., US
[72] JOSLIN, JOHNNY, US
[72] DAVIS, ROBERT E., US
[72] HARDESTY, JOHN T., US
[71] GEODYNAMICS, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (62/543,143) 2017-08-09

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[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN VARIETY 5PLUU60**
[54] **VARIETE DE SOJA 5PLUU60**
[72] KALVIG, ANDREA BETH, US
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-07-27
[41] 2018-09-27
[30] US (15/979,640) 2018-05-15

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[13] A1
[51] **Int.Cl. A47L 11/40 (2006.01) A47L 7/00 (2006.01) A47L 11/34 (2006.01)**
[25] EN
[54] **LIQUID EXTRACTION APPARATUS AND METHOD**
[54] **APPAREIL D'EXTRACTION DE LIQUIDE ET METHODE**
[72] CHAVANA, ERNEST MATTHEW; JR., US
[72] FOSTER, RICHARD, US
[72] ANDERSON, STANLEY, US
[72] TERPSTRA, CHRISTOPHER, US
[72] VALENTIC, JAN, US
[72] MA, XINTAO, CN
[71] RUG DOCTOR, LLC, US
[22] 2018-07-31
[41] 2018-09-28
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Demandes PCT entrant en phase nationale

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01) A61L 17/14 (2006.01) D02J 3/00 (2006.01)**
[25] EN
[54] **SELF-RETAINING VARIABLE LOOP SUTURES**
[54] **SUTURES A BOUCLE VARIABLE AUTOSTATIQUE**
[72] GROSS, JEFFREY M., US
[72] DRUBETSKY, LEV, CA
[72] D'AGOSTINO, WILLIAM L., US
[72] HUNTER, WILLIAM L., CA
[71] ETHICON, LLC, US
[85] 2013-09-20
[86] 2012-03-23 (PCT/US2012/030441)
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[30] US (61/466,924) 2011-03-23

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[13] A1
[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/06 (2006.01) F16H 33/02 (2006.01)**
[25] FR
[54] **OSCILLATING MECHANISM WITH SIMULTANEOUS CROSSED CENTRIFUGATIONS, MACHINE AND IMPLEMENTATION PROCESS**
[54] **MECANISME OSCILLATOIRE A CENTRIFUGATIONS CROISEES SIMULTANEES, MACHINE ET PROCEDE DE MISE EN OEUVRE**
[72] GRANGER, MAURICE, PT
[71] GRANGER, MAURICE, PT
[85] 2018-03-22
[86] 2017-07-28 (PCT/FR2017/052134)
[87] (2998925)
[30] FR (PCT/FR2017/050704) 2017-03-28

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[13] A1
[51] **Int.Cl. H02J 3/46 (2006.01) F03D 7/02 (2006.01) H02J 3/24 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRICAL SUPPLY NETWORK**
[54] **PROCEDE D'INJECTION DE PUISSANCE ELECTRIQUE DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-07-13
[86] 2017-01-27 (PCT/EP2017/051762)
[87] (WO2017/129740)
[30] DE (10 2016 101 469.9) 2016-01-27

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[13] A1
[51] **Int.Cl. A45D 2/00 (2006.01) A45D 1/28 (2006.01) A45D 2/40 (2006.01)**
[25] EN
[54] **A HAIR STRAIGHTENING APPARATUS**
[54] **APPAREIL DE RENFORCEMENT DES CHEVEUX**
[72] MOR, NISSIM, IL
[71] MOR, NISSIM, IL
[85] 2018-07-20
[86] 2017-01-24 (PCT/IL2017/050091)
[87] (WO2017/130192)
[30] IL (243841) 2016-01-28

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[13] A1
[51] **Int.Cl. E04F 15/10 (2006.01) B32B 7/02 (2006.01) B32B 27/12 (2006.01) B32B 27/20 (2006.01) E04B 5/02 (2006.01) E04C 2/32 (2006.01) E04F 15/20 (2006.01)**
[25] EN
[54] **FLOOR TILE INCLUDING FABRIC MATERIAL AND MANUFACTURING METHOD THEREFOR**
[54] **DALLE DE PLANCHER COMPRENANT UN MATERIAU TEXTILE ET SON PROCEDE DE FABRICATION**
[72] JANG, WOON KYU, KR
[72] SONG, YOUNG DAE, KR
[72] KIM, SO YOUNG, KR
[71] NOX CORPORATION, KR
[85] 2018-08-24
[86] 2016-02-25 (PCT/KR2016/001830)
[87] (WO2017/099294)
[30] KR (10-2015-0175056) 2015-12-09

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[13] A1
[51] **Int.Cl. F17C 11/00 (2006.01) F17C 13/04 (2006.01) F17C 13/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR PORTABLE GAS STORAGE AND DELIVERY**
[54] **SYSTEME DE DISTRIBUTION ET DE STOCKAGE DE GAZ PORTABLE**
[72] DUBE, BLAKE, US
[72] WILMER, CHRISTOPHER, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-09-12
[86] 2017-03-28 (PCT/US2017/024439)
[87] (WO2017/172691)
[30] US (62/315,098) 2016-03-30

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[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/11 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **EXPANDABLE COMPRESSION RINGS FOR IMPROVED ANASTOMOTIC JOINING OF TISSUES**
[54] **ANNEAUX DE COMPRESSION EXTENSIBLES POUR LIAISON ANASTOMOTIQUE AMELIOREE DE TISSUS**
[72] MATONICK, JOHN, US
[72] TANNHAUSER, ROBERT J., US
[72] KRIKSUNOV, LEO B., US
[71] ETHICON, INC., US
[85] 2018-09-12
[86] 2017-03-28 (PCT/US2017/024466)
[87] (WO2017/172709)
[30] US (15/088,499) 2016-04-01

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[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MODULATING PLANT ABIOTIC STRESS RESPONSES USING THE KANGHAN GENE FAMILY**
[54] **MODULATION DES REPONSES AU STRESS ABIOTIQUE DES PLANTES A L'AIDE DE LA FAMILLE DES GENES KANGHAN**
[72] ZOU, JITAO, CA
[72] SHEN, WENYUN, CA
[72] GAO, PENG, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2018-09-12
[86] 2017-03-14 (PCT/IB2017/051474)
[87] (WO2017/158514)
[30] US (62/308,580) 2016-03-15

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[13] A1
[51] **Int.Cl. E02F 9/00 (2006.01) B62D 55/30 (2006.01) E02F 9/02 (2006.01) E02F 9/12 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **EXCAVATOR TRACK TENSIONING**
[54] **TENSIONNEMENT DE CHAINE D'EXCAVATRICE**
[72] HAUGEN, JACOB, US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2018-09-12
[86] 2017-03-28 (PCT/US2017/024520)
[87] (WO2017/172754)
[30] US (62/314,164) 2016-03-28

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **LOCKING DEVICE WITH MULTIPLE AUTHENTICATION DEVICES**
[54] **DISPOSITIF DE VERROUILLAGE A MULTIPLES DISPOSITIFS D'AUTHENTIFICATION**
[72] BECK, CHASEN SCOTT, US
[72] LOVETT, MATTHEW, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-09-12
[86] 2017-03-29 (PCT/US2017/024684)
[87] (WO2017/172871)
[30] US (62/315,707) 2016-03-31

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/48 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **CALCIUM BINDING PROTEIN, SPERMATID SPECIFIC 1, AS A BIOMARKER FOR DIAGNOSIS OR TREATMENT OF STRESS**
[54] **PROTEINE DE LIAISON AU CALCIUM, SPECIFIQUE DU SPERMATIDE 1, COMME BIOMARQUEUR POUR DIAGNOSTIC OU TRAITEMENT DU STRESS**
[72] RITZ, THOMAS, CA
[72] ST-LAURENT, CHRIS, CA
[72] ST-LAURENT, KATHERINE, CA
[72] BEFUS, DEAN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2018-09-13
[86] 2017-03-14 (PCT/CA2017/050331)
[87] (WO2017/156625)
[30] US (62/308,655) 2016-03-15

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[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING AND ASSEMBLING SCAFFOLDING UNITS, EACH OF WHICH WILL BE ASSEMBLED FROM INDIVIDUAL SCAFFOLDING COMPONENTS FOR CONSTRUCTING AN INDUSTRIAL PLANT, IN PARTICULAR APETROLEUM REFINERY**
[54] **PROCEDE PERMETTANT D'OBTENIR ET D'ASSEMBLER DES UNITES D'ECHAFAUDAGE, CHACUNE ETANT ASSEMBLEE A PARTIR D'ELEMENTS D'ECHAFAUDAGE INDIVIDUELS POUR CONSTRUIRE UN ETABLISSEMENT INDUSTRIEL, EN PARTICULIER UNE RAFFINERIE DE PETROLE**
[72] GRASSA, GIOVANNI, CA
[72] SKELTON, ROD, CA
[72] LAWRENCE, DAVE, CA
[71] PERI GMBH, DE
[85] 2018-09-13
[86] 2017-02-23 (PCT/EP2017/054176)
[87] (WO2017/157635)
[30] US (15/070,525) 2016-03-15

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[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01)**
[25] EN
[54] **WALLS FOR CATALYTIC BEDS OF RADIAL- OR AXIAL-RADIAL FLOW REACTORS**
[54] **PAROIS POUR LITS CATALYTIQUES DE REACTEURS A FLUX RADIAL OU AXIAL**
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[72] RIZZI, ENRICO, IT
[72] TAROZZO, MIRCO, CH
[71] CASALE SA, CH
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[54] **DISPOSITIFS MICROFLUIDIQUES AYANT UN MICROCANAL A REVETEMENT HYDROPHILE**
[72] SEYOUM, GHIRMAY, DE
[72] FRUTH, ANDREA, DE
[72] ENDERS, MICHAEL, DE
[71] EVONIK ROHM GMBH, DE
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[54] **SYSTEM FOR UNLOCKING A LOCK OF A SPACE THAT NEEDS TO BE SECURED**
[54] **SYSTEME DE DEVERROUILLAGE D'UNE SERRRURE D'UN ESPACE A VERRROUILLER**
[72] KOTYRBA, GREGOR, DE
[72] SEIDEL, TIM, DE
[72] HULLER, MIRKO, DE
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[54] **IDENTIFICATION D'ETIQUETTES ET DE CHAMP SANS RECONNAISSANCE OPTIQUE DE CARACTERES (OCR)**
[72] BECKER, RICHARD J., US
[72] RAMASWAMY, PALLAVIKA, US
[72] MOISE, DANIEL L., US
[72] PORCINA, SHELDON, CA
[71] INTUIT INC., US
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[54] **COMPOSITION SERVANT A STIMULER L'ACTIVITE DE SIRTUINES**
[72] BILSTEIN, ANDREAS, DE
[72] KRUTMANN, JEAN, DE
[72] UNFRIED, KLAUS, DE
[71] BITOP AG, DE
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[54] **METHOD AND SYSTEM FOR PROCESSING A TASK WITH ROBUSTNESS TO MISSING INPUT INFORMATION**
[54] **PROCEDE ET SYSTEME POUR TRAITER UNE TACHE AVEC ROBUSTESSE PAR RAPPORT A DES INFORMATIONS D'ENTREE MANQUANTES**
[72] CHAPADOS, NICOLAS, CA
[72] GUIZARD, NICOLAS, CA
[72] HAVAEI, MOHAMMAD, CA
[72] BENGIO, YOSHUA, CA
[71] IMAGIA CYBERNETICS INC., CA
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[54] **ROTOR FLUIDIQUE A PALES ORIENTABLES AVEC COMMANDE DE PALES PERFECTIONNEE**
[54] **FLUIDIC ROTOR HAVING ORIENTABLE BLADES WITH IMPROVED BLADE CONTROL**
[72] CURUTCHET, ARNAUD, FR
[71] ADV TECH, FR
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[54] **CARBON DIOXIDE RECOVERY METHOD AND RECOVERY APPARATUS**
[54] **PROCEDE DE COLLECTE DE DIOXYDE DE CARBONE ET DISPOSITIF DE COLLECTE**
[72] NAITO, TOSHIYUKI, JP
[71] IHI CORPORATION, JP
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[54] **IMMUNITY-INDUCING AGENT**
[54] **AGENT INDUISANT L'IMMUNITE**
[72] FUJITA, TAKAYUKI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCERS**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT ET/OU LA PREVENTION DU CANCER**
[72] FUJITA, TAKAYUKI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **METHOD FOR DETECTING AGGREGATE OF AGGREGATE-FORMING POLYPEPTIDE**
[54] **PROCEDE DE DETECTION D'UN AGREGAT D'UN POLYPEPTIDE FORMANT UN AGREGAT**
[72] LEE, BYOUNG SUB, KR
[72] LEE, KWAN SOO, KR
[72] KIM, SHIN WON, KR
[72] LIM, KUN TAEK, KR
[72] KIM, GWANG JE, KR
[72] YU, JI SUN, KR
[71] PEOPLEBIO, INC., KR
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[54] **CHAMP OPERATOIRE**
[72] CHUA, MARK SPENCER, US
[72] SEEFELDT, MICHAEL, US
[71] MEDLINE INDUSTRIES, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS TO ESTIMATE RECALL WHILE SCREENING AN ORDERED LIST OF BIBLIOGRAPHIC REFERENCES**
[54] **PROCEDES ET SYSTEMES POUR ESTIMER UN RAPPEL PENDANT LA SELECTION D'UNE LISTE ORDONNEE DE REFERENCES BIBLIOGRAPHIQUES**
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[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING INFLAMMATORY BOWEL DISEASE**
[54] **PROCEDE ET COMPOSITION DE TRAITEMENT DE LA MALADIE INFLAMMATOIRE CHRONIQUE DE L'INTESTIN**
[72] RAMER, MARC, US
[72] BADYLAK, STEPHEN F., US
[72] KEANE, TIMOTHY, US
[71] REGENTYS CORPORATION, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[25] EN
[54] **METHOD FOR IDENTIFYING CLINICAL TRIAL RESPONDERS FROM A PLACEBO GROUP IN MAJOR DEPRESSION**
[54] **PROCEDE D'IDENTIFICATION DE REPONDEURS D'ESSAI CLINIQUE DANS UN GROUPE PLACEBO EN DEPRESSION MAJEURE**
[72] FFRENCH-MULLEN, JARLATH, US
[72] LAI, ERIC, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **RELIABLE TIMESTAMP CREDENTIAL**
[54] **JUSTIFICATIF D'IDENTITE D'HORODATAGE FIABLE**
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[72] AABYE, CHRISTIAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **SYSTEM AND METHOD FOR GENERATING A THREE-DIMENSIONAL BODY**
[54] **DISPOSITIF ET PROCEDE POUR GENERER UN CORPS EN TROIS DIMENSIONS**
[72] STADLMANN, KLAUS, AT
[71] STADLMANN, KLAUS, AT
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[54] **ROTOR POUR UN GENERATEUR D'ELECTRICITE**
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[71] MAKO TURBINES PTY. LTD., AU
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[54] **RAIL SIGNAL ARRANGEMENT FOR A RAIL SIGNALLING SYSTEM**
[54] **ELEMENT STRUCTUREL AYANT UNE BANDE ET DES BRIDES APPARIEES**
[72] THORNTON, ANDREW, AU
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[25] EN
[54] **MULTILAYER METAL COMPOSITE AND BRAKE PAD INCLUDING SAME**
[54] **COMPOSITE METALLIQUE MULTICOUCHE ET PLAQUETTE DE FREIN LE COMPRENANT**
[72] ARBESMAN, RAY, CA
[71] NUCAP INDUSTRIES INC., CA
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[25] EN
[54] **CONTROLLING HEATING ELEMENTS IN A WIND TURBINE SYSTEM**
[54] **COMMANDE D'ELEMENTS CHAUFFANTS DANS UN SYSTEME DE TURBINE EOLIENNE**
[72] BADGER, PAUL, GB
[72] SPANDLEY, LUKE, GB
[72] BUGGY, STEPHEN, GB
[72] GREGORY, KARL, GB
[71] VESTAS WIND SYSTEMS A/S, DK
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[25] EN
[54] **METHOD FOR PRODUCING COMPONENTS FROM A DUPLEX STEEL, AND COMPONENTS PRODUCED USING SAID METHOD**
[54] **PROCEDE DE FABRICATION DE COMPOSANTS A PARTIR D'UN RAYON DUPLEX ET COMPOSANTS FABRIQUES PAR LEDIT PROCEDE**
[72] BOHM, ALEXANDER, DE
[72] BRAUN, STEPHAN, DE
[72] RAUNER, HOLGER, DE
[72] SCHRAMM, BERND, DE
[72] STEIN, ADRIAN, DE
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[25] EN
[54] **WASHING- AND CLEANING-ACTIVE POLYMER FILMS, PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF**
[54] **FILMS POLYMERES A ACTION DETERGENTE ET NETTOYANTE, PROCEDE POUR LES PRODUIRE ET LEUR UTILISATION**
[72] FUCHS, YANNICK, DE
[72] DETERING, JUERGEN, DE
[72] MEISE, MARKUS, DE
[72] SCHMIDT-HANSBERG, BENJAMIN, DE
[72] ESPER, CLAUDIA, DE
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[25] EN
[54] **COMPOSITIONS USEFUL IN THE PREVENTION AND/OR TREATMENT OF DISORDERS OF THE ORAL CAVITY, UPPER AIRWAYS AND ESOPHAGUS**
[54] **COMPOSITIONS UTILISABLES DANS LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES DE LA CAVITE BUCCALE, DES VOIES RESPIRATOIRES SUPERIEURES ET DE L'□SOPHAGE**
[72] BOMBARDELLI, EZIO, IT
[71] INDENA S.P.A., IT
[85] 2018-09-14
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[25] EN
[54] **CITRATE SALT OF THE COMPOUND (S)-4-((S)-3-FLUORO-3-(2-(5,6,7,8-TETRAHYDRO-1,8-NAPHTHYDRIN-2-YL)ETHYL)PYRROLIDIN-1-YL)-3-(3-(2-METHOXYETHOXY)PHENYL) BUTANOIC ACID**
[54] **SEL DE CITRATE DU COMPOSE ACIDE (S)-4-((S)-3-FLUORO-3-(2-(5,6,7,8-TETRAHYDRO-1,8-NAPHTYDRIN-2-YL)ETHYL)PYRROLIDIN-1-YL)-3-(3-(2-METHOXYETHOXY)PHENYL) BUTANOIQUE**
[72] BARRETT, TIM, GB
[72] HATLEY, RICHARD JONATHAN DANIEL, GB
[72] MACDONALD, SIMON JOHN FAWCETT, GB
[72] SAKLATVALA, PAULA, GB
[72] TSE, SING YUEN ERIC, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[25] EN
[54] **IONIC POLYMERS AND USE THEREOF IN PROCESSING OF BIOMASS**
[54] **POLYMERES IONIQUES ET LEUR UTILISATION DANS LE TRAITEMENT D'UNE BIOMASSE**
[72] DYSON, PAUL, CH
[72] FEI, ZHAOFU, CH
[72] SIANKEVICH, SVIATLANA, CH
[72] SAVOGLIDIS, GEORGIOS, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[25] EN
[54] **NOVEL ALPHA-1-MICROGLOBULIN DERIVED PROTEINS AND THEIR USE**
[54] **NOUVELLES PROTEINES DERIVEES DE L'ALPHA-1-MICROGLOBULINE ET LEUR UTILISATION**
[72] ROSENLOF, LENA WESTER, SE
[72] HAGERWALL, ANNELI EDSTROM, SE
[72] AKERSTROM, BO, SE
[71] A1M PHARMA AB, SE
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[25] EN
[54] **METHOD AND SYSTEM FOR LIQUEFYING A NATURAL GAS FEED STREAM**
[54] **PROCEDE ET SYSTEME DE LIQUEFACTION DE FLUX D'ALIMENTATION DE GAZ NATUREL**
[72] ARNAIZ DEL POZO, CARLOS, NL
[72] GROENENDIJK, THIJS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **ELECTRODE COMPOSITION**
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[72] BECKER, ROBERT, DE
[72] LEYE, JOHANN, DE
[71] RHEINFELDEN CARBON GMBH & CO. KG, DE
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[51] **Int.Cl. A61K 31/14 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING CHOLINE AND THEIR USE**
[54] **COMPOSITIONS COMPRENANT DE LA CHOLINE ET LEUR UTILISATION**
[72] SCHNEIDER, NORA, CH
[72] HAUSER, JONAS, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] SAMUEL, TINU MARY, CH
[72] DEONI, SEAN, US
[72] BARTFAI, TAMAS, SE
[71] NESTEC S.A., CH
[85] 2018-09-14
[86] 2017-03-30 (PCT/EP2017/057571)
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[30] US (62/328,105) 2016-04-27
[30] EP (PCT/EP2016/080790) 2016-12-13

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[25] EN
[54] **MULTISPECIFIC ANTIBODIES FOR USE IN THE TREATMENT OF A NEOPLASM OF THE URINARY TRACT**
[54] **ANTICORPS MULTISPECIFIQUES DESTINES A ETRE UTILISES POUR LE TRAITEMENT D'UN NEOPLASME DU TRACTUS URINAIRE**
[72] LINDHOFER, HORST, DE
[72] BAUER, HARTWIG-WILHELM, DE
[71] LINDHOFER, HORST, DE
[85] 2018-09-14
[86] 2017-03-30 (PCT/EP2017/057608)
[87] (WO2017/167919)
[30] EP (PCT/EP2016/000531) 2016-03-30

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **FLOW-THROUGH WELLBORE ISOLATION DEVICE**
[54] **DISPOSITIF D'ISOLATION DE PUITS DE FORAGE A ECOULEMENT TRAVERSANT**
[72] ROSEMAN, MATTHEW BRIAN, US
[72] WEBB, SHAWN RAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-14
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[25] EN
[54] **COMPOUNDS AND METHODS FOR THE SYNTHESIS OF 5-(N-PROTECTED-TRYPTAMINOCARBOXYAMIDE)-2'-DEOXYURIDINE PHOSPHORAMIDATE FOR INCORPORATION INTO A NUCLEIC SEQUENCE**
[54] **COMPOSES ET PROCEDES POUR LA SYNTHESE DE PHOSPHORAMIDATE DE 5-(TRYPTAMINOCARBOXYAMIDE A N PROTEGE)-2'-DESOXYURIDINE DESTINE A ETRE INCORPORE DANS UNE SEQUENCE NUCLEIQUE**
[72] ROHLOFF, JOHN, US
[71] SOMALOGIC, INC., US
[85] 2018-09-11
[86] 2017-03-13 (PCT/US2017/022007)
[87] (WO2017/160672)
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[25] EN
[54] **TUBE PUMP, ROTATION-LIMITING COMPONENT, SHAFT BODY, AND SHAFT CONNECTION STRUCTURE**
[54] **POMPE A TUBE, COMPOSANT LIMITANT LA ROTATION, CORPS D'ARBRE, ET STRUCTURE DE RACCORDEMENT D'ARBRE**
[72] MINATODANI, YOJI, JP
[71] WELCO CO., LTD., JP
[85] 2018-09-14
[86] 2017-03-17 (PCT/JP2017/010859)
[87] (WO2017/159841)
[30] JP (2016-055549) 2016-03-18

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[25] EN
[54] **AQUEOUS COATING COMPOSITION**
[54] **COMPOSITION AQUEUSE DE REVETEMENT**
[72] KANDA, TAKASHI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2018-09-14
[86] 2017-03-16 (PCT/JP2017/010712)
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[25] EN
[54] **METHOD FOR FREEZING AGGREGATES OF PLURIPOTENT STEM CELL-DERIVED CARDIOMYOCYTES**
[54] **PROCEDE DE CONGELATION D'AGREGAT DE CELLULES MYOCARDIQUES DERIVEES DE CELLULES SOUCHES PLURIPOTENTES**
[72] MINAMI, ITSUNARI, JP
[71] KYOTO UNIVERSITY, JP
[85] 2018-09-14
[86] 2017-03-17 (PCT/JP2017/010972)
[87] (WO2017/159862)
[30] JP (2016-055913) 2016-03-18

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[54] **ALKOXYLATED UNSATURATED FATTY ACIDS AND USES THEREOF**
[54] **ACIDES GRAS INSATURES ALCOXYLES ET LEURS UTILISATIONS**
[72] LITTICH, RYAN, US
[72] COBURN, CHARLES, US
[72] BERTIN, PAUL A., US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2018-09-14
[86] 2017-01-30 (PCT/US2017/015589)
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[25] EN
[54] **TRANSPORT TRAILER LOAD BALANCING SUSPENSION AND STEERING SYSTEMS**
[54] **SYSTEMES DE DIRECTION ET DE SUSPENSION D'EQUILIBRAGE DE CHARGE DE REMORQUE DE TRANSPORT**
[72] BEHRENS, RANDALL DEAN, US
[71] PREMIER COIL SOLUTIONS, INC., US
[85] 2018-09-14
[86] 2017-02-01 (PCT/US2017/015998)
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[30] US (15/013,155) 2016-02-02

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[13] A1
[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH A SYSTEM OF ECCENTRIC ABRADING HEADS**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIF A SYSTEME DE TETES D'ABRASION EXCENTRIQUES**
[72] CAMBRONNE, MATTHEW D., US
[72] KOHLER, ROBERT E., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2018-09-14
[86] 2017-02-14 (PCT/US2017/017770)
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[30] US (15/075,979) 2016-03-21

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[13] A1
[51] **Int.Cl. G06Q 50/28 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **TEMPLATE-BASED WEATHER DATA QUERIES FOR COMPILING LOCATION-BASED WEATHER MONITORING DATA FOR DEFINED TRANSPORTATION ROUTES**
[54] **REQUETES DE DONNEES METEOROLOGIQUES BASEES SUR UN MODELE POUR COMPILER DES DONNEES DE SURVEILLANCE METEOROLOGIQUE BASEES SUR LA LOCALISATION POUR DES ITINERAIRES DE TRANSPORT DEFINIS**
[72] ZACHARENKO, DIMITRI, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2018-09-14
[86] 2017-02-08 (PCT/US2017/016885)
[87] (WO2017/165002)
[30] US (62/313,201) 2016-03-25

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[13] A1
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[25] EN
[54] **SUPERCONDUCTING CELL ARRAY LOGIC CIRCUIT SYSTEM**
[54] **SYSTEME DE CIRCUIT DE LOGIQUE A RESEAU DE CELLULES SUPRACONDUCTRICES**
[72] REOHR, WILLIAM ROBERT, US
[72] VOIGT, ROBERT J., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-09-14
[86] 2017-02-13 (PCT/US2017/017676)
[87] (WO2017/165012)
[30] US (15/079,106) 2016-03-24

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[51] **Int.Cl. G06Q 20/02 (2012.01) H04L 9/06 (2006.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **ACCREDITED CERTIFICATE ISSUANCE SYSTEM BASED ON BLOCK CHAIN AND ACCREDITED CERTIFICATE ISSUANCE METHOD BASED ON BLOCK CHAIN USING SAME, AND ACCREDITED CERTIFICATE AUTHENTICATION SYSTEM BASED ON BLOCK CHAIN AND ACCREDITED CERTIFICATE AUTHENTICATION METHOD BASED ON BLOCK CHAIN USING SAME**
[54] **SYSTEME DE DELIVRANCE DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS ET PROCEDE DE DELIVRANCE DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS L'UTILISANT, ET SYSTEME D'AUTHENTIFICATION DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS ET PROCEDE D'AUTHENTIFICATION DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS L'UTILISANT**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-09-14
[86] 2016-07-07 (PCT/KR2016/007342)
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[30] KR (10-2015-0144803) 2015-10-16

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[51] **Int.Cl. G21C 3/62 (2006.01) G21C 1/07 (2006.01)**
[25] EN
[54] **PROCESS FOR RAPID PROCESSING OF SIC AND GRAPHITIC MATRIX TRISO-BEARING PEBBLE FUELS**
[54] **PROCEDE DE TRAITEMENT RAPIDE DE COMBUSTIBLES EN BOULET DE PARTICULES TRISO A MATRICE DE SIC ET GRAPHITIQUE**
[72] VENNERI, FRANCESCO, US
[71] ULTRA SAFE NUCLEAR CORPORATION, MX
[85] 2018-09-14
[86] 2017-02-28 (PCT/US2017/019887)
[87] (WO2017/172177)
[30] US (62/314,705) 2016-03-29

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[51] **Int.Cl. F42B 12/74 (2006.01)**
[25] EN
[54] **BULLET COMPRISING A COMPACTED MIXTURE OF COPPER POWDER**
[54] **BALLE COMPRENANT UN MELANGE COMPACTE DE POUDRE DE CUIVRE**
[72] SLOFF, MICHAEL, US
[72] BENINI, BRIAN, US
[72] GEIST, KEVIN, US
[71] SLOFF, MICHAEL, US
[71] BENINI, BRIAN, US
[71] GEIST, KEVIN, US
[85] 2018-07-20
[86] 2017-01-13 (PCT/US2017/013438)
[87] (WO2017/127301)
[30] US (62/280,936) 2016-01-20
[30] US (62/431,818) 2016-12-08

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[51] **Int.Cl. F17D 3/18 (2006.01) F04B 49/06 (2006.01) F04B 49/10 (2006.01) F17D 1/08 (2006.01) F17D 1/20 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **HIGH FREQUENCY METERING OF POSITIVE DISPLACEMENT PUMPS**
[54] **MESURE A HAUTE FREQUENCE DE POMPES VOLUMETRIQUES**
[72] BINKS, RICHARD LEE, US
[71] DRAGON FAB-TECH, LLC, US
[85] 2018-07-23
[86] 2017-03-14 (PCT/US2017/022331)
[87] (WO2017/160860)
[30] US (62/308,047) 2016-03-14

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[51] **Int.Cl. F04D 29/08 (2006.01) F04D 7/02 (2006.01) F04D 29/42 (2006.01) F04D 29/62 (2006.01) F16J 15/32 (2016.01)**
[25] EN
[54] **SEALING ARRANGEMENT FOR ADJUSTABLE ELEMENTS OF A PUMP**
[54] **AGENCEMENT D'ETANCHEITE POUR ELEMENTS REGLABLES D'UNE POMPE**
[72] KOSMICKI, RANDY J., US
[72] WIRTH, AARON, US
[71] WEIR SLURRY GROUP, INC., US
[85] 2018-09-14
[86] 2017-03-10 (PCT/US2017/021760)
[87] (WO2017/160624)
[30] US (62/310,094) 2016-03-18

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SOFTWARE DEFINED NETWORK (SDN) APPLICATION INTEGRITY**
[54] **INTEGRITE D'APPLICATION DE RESEAU DEFINI PAR LOGICIEL (SDN)**
[72] BALMAKHTAR, MAROUANE, US
[72] RAJAGOPAL, ARUN, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-09-14
[86] 2017-03-10 (PCT/US2017/021834)
[87] (WO2017/160641)
[30] US (15/071,484) 2016-03-16

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[51] **Int.Cl. F16C 11/06 (2006.01)**
[25] EN
[54] **SOCKET ASSEMBLY AND METHOD OF MAKING A SOCKET ASSEMBLY**
[54] **ENSEMBLE DOUILLE ET PROCEDE DE FABRICATION D'ENSEMBLE DOUILLE**
[72] KOPSIE, ERIC M., US
[72] PARKER, GLEN C., US
[71] FEDERAL-MOGUL MOTORPARTS LLC, US
[85] 2018-09-14
[86] 2017-03-10 (PCT/US2017/021848)
[87] (WO2017/160645)
[30] US (15/070,363) 2016-03-15

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[13] A1
[51] **Int.Cl. H04H 20/30 (2009.01) H04H 60/11 (2009.01) H04H 60/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BLENDING AN AUDIO SIGNAL IN AN IN-BAND ON-CHANNEL RADIO SYSTEM**
[54] **PROCEDE ET APPAREIL DE MELANGE D'UN SIGNAL AUDIO DANS UN SYSTEME RADIO INTRABANDE SUR CANAL**
[72] KROEGER, BRIAN W., US
[72] PEYLA, PAUL J., US
[72] BAIRD, JEFFREY S., US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2018-09-14
[86] 2017-03-13 (PCT/US2017/022016)
[87] (WO2017/160677)
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[13] A1
[51] **Int.Cl. C05F 17/02 (2006.01) C05F 9/02 (2006.01) C05F 17/00 (2006.01) B65F 1/00 (2006.01)**
[25] EN
[54] **COMPOSTING APPARATUS AND PROCESS OF USE THEREOF**
[54] **APPAREIL DE COMPOSTAGE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] ZISHIRI, RUSSELL, CA
[71] ANACONDA SYSTEMS LIMITED, CA
[85] 2018-07-17
[86] 2017-01-18 (PCT/CA2017/000012)
[87] (WO2017/124178)
[30] US (62/280,112) 2016-01-18

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[25] EN
[54] **GDF15 IN GLAUCOMA AND METHODS OF USE THEREOF**
[54] **GDF15 UTILISE DANS LE GLAUCOME ET SES METHODES D'UTILISATION**
[72] APTE, RAJENDRA S., US
[72] YOSHINO, JUN, US
[71] WASHINGTON UNIVERSITY, US
[85] 2018-07-30
[86] 2017-01-30 (PCT/US2017/015643)
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[30] US (62/289,030) 2016-01-29

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[51] **Int.Cl. A61B 8/00 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **EXTERNAL ULTRASOUND GENERATING TREATING DEVICE FOR SPINAL CORD AND SPINAL NERVES TREATMENT, APPARATUS COMPRISING SUCH DEVICE AND METHOD IMPLEMENTING SUCH DEVICE**
[54] **DISPOSITIF DE TRAITEMENT EXTERNE GENERANT DES ULTRASONS POUR LE TRAITEMENT DE LA MOELLE EPINIERE ET DES NERFS RACHIDIENS, APPAREIL COMPRENANT UN TEL DISPOSITIF ET METHODE METTANT EN OEUVRE UN TEL DISPOSITIF**
[72] CARPENTIER, ALEXANDRE, FR
[71] SORBONNE UNIVERSITE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2018-08-28
[86] 2016-03-11 (PCT/IB2016/000431)
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[51] **Int.Cl. A23L 3/36 (2006.01) A23L 5/10 (2016.01) A23L 13/00 (2016.01) A23L 23/00 (2016.01) A47J 27/088 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING INSTANT FOOD CAPABLE OF BEING INDUCTIVELY COOKED, METHOD FOR COOKING INSTANT FOOD, AND DEVICE FOR HEATING AND COOKING INSTANT FOOD**
[54] **PROCEDE DE FABRICATION D'ALIMENT INSTANTANE POUVANT ETRE CUIT PAR INDUCTION, PROCEDE DE CUISSON D'ALIMENT INSTANTANE ET DISPOSITIF DE CHAUFFAGE ET DE CUISSON D'ALIMENT INSTANTANE**
[72] PARK, HAN, KR
[72] CHO, HWAN SUK, KR
[72] BAEK, YOUNG SOOK, KR
[71] BOCAF CO., LTD., KR
[85] 2018-09-14
[86] 2017-02-01 (PCT/KR2017/001056)
[87] (WO2017/159980)
[30] KR (10-2016-0032480) 2016-03-18
[30] KR (10-2017-0001910) 2017-01-05

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[51] **Int.Cl. G06F 21/55 (2013.01) G06F 21/57 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **USING PRIVATE THREAT INTELLIGENCE IN PUBLIC CLOUD**
[54] **UTILISATION D'UNE INTELLIGENCE DE MENACE PRIVEE DANS UN NUAGE PUBLIC**
[72] KRAEMER, JEFFREY ALBIN, US
[72] CHOKSEY, SANKET, US
[72] GOPALAN, RANGANATHAN, US
[71] CARBON BLACK, INC., US
[85] 2018-09-14
[86] 2017-03-13 (PCT/US2017/022184)
[87] (WO2017/160772)
[30] US (62/308,311) 2016-03-15

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[51] **Int.Cl. E21B 31/107 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **VARIABLE INTENSITY AND SELECTIVE PRESSURE ACTIVATED JAR**
[54] **COULISSE A ACTIVITE VARIABLE ET ACTIVEE PAR PRESSION SELECTIVE**
[72] JONES, KEVIN DEWAYNE, US
[71] HYDRASHOCK, LLC, US
[71] JONES, KEVIN DEWAYNE, US
[85] 2018-08-02
[86] 2017-02-27 (PCT/US2017/019609)
[87] (WO2017/151471)
[30] US (62/301,398) 2016-02-29

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[13] A1
[51] **Int.Cl. C04B 41/00 (2006.01) C04B 41/45 (2006.01) D21J 1/08 (2006.01) E04B 9/00 (2006.01) E04B 9/32 (2006.01) E04B 1/84 (2006.01)**
[25] EN
[54] **CONSTRUCTION PRODUCTS WITH AN ACOUSTICALLY TRANSPARENT COATING**
[54] **PRODUITS DE CONSTRUCTION PRESENTANT UN REVETEMENT ACOUSTIQUEMENT TRANSPARENT**
[72] LI, DONGHONG, US
[71] USG INTERIORS, LLC, US
[85] 2018-09-14
[86] 2017-03-13 (PCT/US2017/022095)
[87] (WO2017/160713)
[30] US (15/071,765) 2016-03-16

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPROACHES FOR ACHIEVING IMPROVED CAPACITY PLANS FOR A SATELLITE COMMUNICATIONS SYSTEM VIA INTERLEAVED BEAMS FROM MULTIPLE SATELLITES**
[54] **APPROCHES VISANT A AMELIORER DES PLANS DE CAPACITE POUR UN SYSTEME DE COMMUNICATIONS PAR SATELLITE VIA DES FAISCEAUX ENTRELACES PROVENANT D'UNE PLURALITE DE SATELLITES**
[72] MORRIS, ADRIAN, US
[72] ROOS, DAVE, US
[72] KAY, STAN, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-08-27
[86] 2017-03-06 (PCT/US2017/021008)
[87] (WO2017/204881)
[30] US (62/304,121) 2016-03-04

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[51] **Int.Cl. G01L 5/22 (2006.01) B62M 6/45 (2010.01) A61B 5/22 (2006.01) B62J 6/06 (2006.01) B62M 3/08 (2006.01) G01L 1/04 (2006.01) G01L 3/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BICYCLE POWER MEASUREMENT AND ENERGY SUPPLY**
[54] **SYSTEME ET PROCEDE POUR UNE MESURE DE PUISSANCE DE BICYCLETTE ET UNE ALIMENTATION EN ENERGIE**
[72] WAKEHAM, KEITH, CA
[72] FYFE, KIPLING WILLIAM, CA
[72] CHAN, BILLY CHEUK WAI, CA
[72] KAHAKI, HAMID EBRAHIMI, CA
[72] MCNAB, DAVE, CA
[72] RICHES, BRANDON, CA
[71] 4IIII INNOVATIONS INC., CA
[85] 2018-09-14
[86] 2017-03-21 (PCT/US2017/023454)
[87] (WO2017/165448)
[30] US (62/311,367) 2016-03-21

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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2006.01) C07K 1/00 (2006.01) C07K 1/02 (2006.01) C07K 1/04 (2006.01) C07K 1/06 (2006.01) C07K 5/00 (2006.01) C07K 5/10 (2006.01) C07K 7/00 (2006.01) C07K 7/02 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **METHODS FOR SYNTHESIZING .ALPHA.4.BETA.7 PEPTIDE ANTAGONISTS**
[54] **PROCEDES DE SYNTHESE D'ANTAGONISTES DE PEPTIDE ?4?7**
[72] BHANDARI, ASHOK, US
[72] MANTHATI, SURESH KUMAR, US
[72] MEHROTRA, MUKUND M., US
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[72] PETERSEN, RUSSELL, US
[71] ELEMENTAL LED, INC., US
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[54] **SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE**
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[72] GRECO, PAUL M., US
[72] ABOVITZ, RONY, US
[72] MUNK, YONATAN, US
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[54] **NANOCAPSULES DE PRINCIPE ACTIF LIPOSOLUBLE, FABRICATION ET UTILISATIONS**
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[72] ROSILIO, VERONIQUE, FR
[71] ADISSEO FRANCE S.A.S., FR
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[72] BENSCH, DOUGLAS, US
[72] CUSHNER, FRED, US
[72] DESAKI, AIMEE L., US
[72] GROSS, JEFFREY M., US
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[72] HUNTER, WILLIAM L., CA
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[54] **RECIPIENT D'ECHANTILLONNAGE INVIOLABLE ASEPTIQUE**
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[72] PICHOT, HERVE, FR
[72] LUCAS, FRANKLIN LEE, JR., US
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[54] **MAPPAGE DE TONALITES INDEPENDANT DE LA LARGEUR DE BANDE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SADIQ, BILAL, US
[72] SUBRAMANIAN, SUNDAR, US
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[54] **RESEAU DE CAPTEURS D'IMAGERIE A PLAGE DYNAMIQUE ELEVEE**
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[72] MAGNANI, ALBERT M., US
[72] MIMS, STEPHEN W., US
[71] BAE SYSTEMS IMAGING SOLUTIONS INC., US
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[54] **SYSTEM AND METHOD FOR REVERSE COMMAND SHELL DETECTION**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ENVELOPPE DE COMMANDE INVERSE**
[72] KRAEMER, JEFFREY ALBIN, US
[71] CARBON BLACK, INC., US
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[54] **PROCEDE ET APPAREIL POUR L'ACTIONNEMENT DE MANCHONS DE FOND DE TROU ET D'AUTRES DISPOSITIFS**
[72] HOLCOMB, GLEN W., US
[72] COX, BLAKE R., US
[72] MCNEELY, LOREN, US
[72] MOREL, RICHARD J., US
[72] ORTIZ, AVEL Z., US
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[54] **NAVIRE MARIN SANS EQUIPAGE POUR SOURCES SISMIQUES**
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[72] SCHNEIDER, CURT, US
[71] ION GEOPHYSICAL CORPORATION, US
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[71] ULTRA SAFE NUCLEAR CORPORATION, MX
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[54] **SYSTEME DE MISE A NIVEAU POUR DISPOSITIF DE LEVAGE**
[72] HAO, JIHONG, US
[72] PUSZKIEWICZ, IGNACY, US
[71] OSHKOSH CORPORATION, US
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[54] **SYSTEME ET PROCEDE POUR LA DETECTION D'EVIDEMENT DE PROCESSUS**
[72] KRAEMER, JEFFREY ALBIN, US
[72] DRAPEAU, PAUL MATTHEW, US
[71] CARBON BLACK, INC., US
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[54] **PISTAGE DE MENACES MULTI-HOTE**
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[72] GOPALAN, RANGANATHAN, US
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[72] MERLIN, SIMONE, US
[71] QUALCOMM INCORPORATED, US
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[54] **MICROORGANISME PRODUISANT DE LA PUTRESCINE ET PROCEDE DE PRODUCTION DE PUTRESCINE L'UTILISANT**
[72] LEE, NA HUM, KR
[72] LEE, JAE HUN, KR
[72] LI, HONG XIAN, KR
[72] MOON, JUN OK, KR
[72] UM, HYE WON, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **IMMUNOFLUORESCENCE A SUPER-RESOLUTION AVEC PREVISUALISATION A DIFFRACTION LIMITEE**
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[71] ULTIVUE, INC., US
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[54] **SYSTEME ET INTERFACES DE GESTION D'EVENEMENTS SUR LE LIEU DE TRAVAIL**
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[72] EPPLER, WILLIAM G., JR., US
[72] HOLLINGSWORTH, WILLIAM D., US
[71] TRIAX TECHNOLOGIES, INC., US
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[54] **SYSTEME DE RECOMPENSE POUR RECOMPENSER DES UTILISATEURS POUR LA RESERVATION D'UN HEBERGEMENT**
[72] BARNHILL, PAMELA, US
[71] IBC HOTELS LLC D/B/A IBC HOSPITALITY TECHNOLOGIES, US
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[54] **SEPARATION DE GAZ AU MOYEN DE MEMBRANES DE SEPARATION DE GAZ DE COPOLYMERE DE CHLORURE DE VINYLIDENE CARBONISE ET PROCEDE DE PREPARATION DES MEMBRANES**
[72] LIU, JUNQIANG, US
[72] GOSS, JANET M., US
[72] CALVERLEY, EDWARD M., US
[72] BEYER, DOUGLAS E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SEPARATION OF GASES VIA CARBONIZED VINYLIDENE CHLORIDE COPOLYMER GAS SEPARATION MEMBRANES AND MEMBRANE PREPARATION METHOD**
[54] **SEPARATION DE GAZ AU MOYEN DE MEMBRANES DE SEPARATION DE GAZ DE COPOLYMERE DE CHLORURE DE VINYLIDENE CARBONISE ET PROCEDE DE PREPARATION DE MEMBRANE**
[72] LIU, JUNQIANG, US
[72] BEYER, DOUGLAS E., US
[72] GOSS, JANET M., US
[72] HAN, CHAN, US
[72] CALVERLEY, EDWARD M., US
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[54] **CONJUGUES FAVORISANT L'ACCUMULATION CELLULAIRE TOTALE**
[72] BEAUDOIN, SIMON, CA
[72] LEYTON, JEFFREY VICTOR, CA
[71] SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCPRA SCIENCES SANTE ET HUMAINES S.E.C., CA
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[54] **SYSTEMS AND METHODS FOR ENHANCING OBJECT VISIBILITY FOR OVERHEAD IMAGING**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA VISIBILITE D'UN OBJET POUR UNE IMAGERIE AERIENNE**
[72] ROUSMANIERE, LOUIS HU, US
[72] KRYDA, KENNETH JAMES, US
[71] PLANET LABS, INC., US
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[54] **DISPOSITIFS, SYSTEMES, ET PROCEDES DE DETECTION DE COMPOSES CIBLES**
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[72] YU, WUYANG, US
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[54] **DISTRIBUTEUR ALIMENTE PAR BATTERIE POUR FEUILLES ET CARTOUCHES A UN OU DEUX CONSTITUANTS**
[72] PLOTZITZKA, JOACHIM, DE
[72] HEIM, MATTHIAS, DE
[72] FINDLAY, BRENT MICHAEL, US
[72] HERMAN, TIMM RANDAL, US
[71] HENKEL AG & CO. KGAA, DE
[71] MERITOOL L.L.C., US
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[54] **COMPOSITIONS AND METHODS FOR TARGETED PARTICLE PENETRATION, DISTRIBUTION, AND RESPONSE IN MALIGNANT BRAIN TUMORS**
[54] **COMPOSITIONS ET PROCEDES POUR LA PENETRATION, LA DISTRIBUTION ET LA REPONSE CIBLEES DE PARTICULES DANS DES TUMEURS MALIGNES DU CERVEAU**
[72] BRADBURY, MICHELLE S., US
[72] OVERHOLTZER, MICHAEL, US
[72] BRENNAN, CAMERON, US
[72] YOO, BARNEY, US
[72] WOLCHOK, JEDD D., US
[72] WIESNER, ULRICH, US
[71] CORNELL UNIVERSITY, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **APPAREIL A CAGE AYANT DES PASSAGES DE FLUIDE POUR AFFECTER DES CARACTERISTIQUES D'ECOULEMENT DE VANNES**
[72] MCCORMICK, NATHAN, GB
[72] EILERS, DANIEL J., US
[72] OLBERDING, JASON G., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **METHODES ET COMPOSITIONS LIEES A CRISPR/CAS POUR TRAITER LES BETA-HEMOGLOBINPATHIES**
[72] GORI, JENNIFER LEAH, US
[72] BARRERA, LUIS A., US
[71] EDITAS MEDICINE, INC., US
[85] 2018-09-14
[86] 2017-03-14 (PCT/US2017/022377)
[87] (WO2017/160890)
[30] US (62/308,190) 2016-03-14
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[51] **Int.Cl. C22B 3/42 (2006.01) C22B 60/02 (2006.01)**
[25] EN
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[54] **RECUPERATION D'URANIUM**
[72] BESTER, JACO, NL
[72] CORBET, SOPHIE, FR
[72] DELAMEILLEURE, STEPHANE, FR
[72] GARCIA MOLINA, VERONICA, CH
[72] ZAGANIARIS, EMMANUEL, FR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022399)
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[30] US (62/310,225) 2016-03-18

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[25] EN
[54] **TARGETING TUMOR CELLS WITH CHEMOTHERAPEUTIC AGENTS CONJUGATED TO ANTI-MATRIPTASE ANTIBODIES BY IN VIVO CLEAVABLE LINKING MOIETIES**
[54] **CIBLAGE DE CELLULES TUMORALES AVEC DES AGENTS CHIMIOTHERAPEUTIQUES CONJUGUES A DES ANTICORPS ANTI-MATRIPTASE PAR DES PARTIES DE LIAISON CLIVABLES IN VIVO**
[72] LIN, SIANG-YO, US
[72] BERTINO, JOSEPH, R., US
[72] LIN, CHEN-YONG, US
[72] SZEKELY, ZOLTAN, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[71] GEORGETOWN UNIVERSITY, US
[85] 2018-09-14
[86] 2017-03-17 (PCT/US2017/022993)
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[30] US (15/075,008) 2016-03-18

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[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING AN INVENTORY OF PRODUCTS PURCHASED BY CUSTOMERS FROM A RETAILER**
[54] **SYSTEMES ET PROCEDES DE GESTION D'INVENTAIRE DE PRODUITS ACHETES PAR DES CLIENTS AUPRES D'UN DETAILLANT**
[72] HIGH, DONALD R., US
[72] HALBROOK, COURTLAND J., US
[72] HENDRICKS, JOSEPH W., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-14
[86] 2017-03-20 (PCT/US2017/023160)
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[54] **CHARGING SYSTEM AND METHOD FOR OPERATING A CHARGING SYSTEM**
[54] **SYSTEME DE CHARGE ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE CHARGE**
[72] WAFFNER, JUERGEN, DE
[71] INNOGY SE, DE
[85] 2018-09-17
[86] 2017-01-06 (PCT/EP2017/050244)
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[30] DE (10 2016 107 271.0) 2016-04-20

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[25] EN
[54] **TOE VALVE**
[54] **VANNE DE FOND DE TROU**
[72] HARRIS, MICHAEL J., US
[72] ANTON, KENNETH J., US
[71] TERCEL OILFIELD PRODUCTS USA LLC, US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022445)
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[51] **Int.Cl. C02F 3/02 (2006.01)**
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[54] **APPARATUS FOR TREATING WASTEWATER AND A SYSTEM FOR COLLECTING AND TREATING WASTEWATER COMBINING RAINWATER DRAINAGE**
[54] **APPAREIL DE TRAITEMENT D'EAUX USEES ET SYSTEME DE COLLECTE ET DE TRAITEMENT D'EAUX USEES COMBINANT UN DRAINAGE D'EAU PLUVIALE**
[72] TRUONG, VAN DAN, VN
[71] TRUONG, VAN DAN, VN
[85] 2018-09-14
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[30] VN (1-2016-01731) 2016-05-16

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF A BETA-CATENIN-ASSOCIATED DISEASE OR DISORDER**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES ET DE TROUBLES ASSOCIES A LA BETA-CATENINE**
[72] ABRAMS, MARC, US
[72] GANESH, SHANTHI, US
[71] DICERNA PHARMACEUTICALS, INC., US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022510)
[87] (WO2017/160983)
[30] US (62/309,449) 2016-03-16
[30] US (62/318,529) 2016-04-05
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[25] EN
[54] **FROZEN BEVERAGE COMPOSITION CONTAINING HYDROLYZED PEA PROTEIN**
[54] **COMPOSITION DE BOISSON GLACEE CONTENANT DES PROTEINES DE POIS HYDROLYSEES**
[72] RYAN, SANDRA C., US
[71] THE COCA-COLA COMPANY, US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022511)
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[25] EN
[54] **ROBUST MERGE OF 3D TEXTURED MESHES**
[54] **FUSION ROBUSTE DE MAILLAGES TEXTURES 3D**
[72] MIN, JIANYUAN, US
[72] WEI, XIAOLIN, US
[71] MAGIC LEAP, INC., US
[85] 2018-09-14
[86] 2017-03-27 (PCT/US2017/024273)
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[51] **Int.Cl. C08L 23/10 (2006.01) A61J 1/10 (2006.01) B32B 27/00 (2006.01) B32B 27/32 (2006.01) B65D 30/02 (2006.01) B65D 65/40 (2006.01) B65D 75/58 (2006.01) C08L 53/02 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION, HEAT SEALING AGENT, FILM FOR LIQUID PACKAGING CONTAINER, LIQUID PACKAGING CONTAINER, LIQUID DISCHARGE MEMBER, AND MEDICAL CONTAINER**
[54] **COMPOSITION DE RESINE, AGENT DE THERMOSCELLAGE, FILM POUR RECIPIENT DE CONDITIONNEMENT DE LIQUIDE, RECIPIENT DE CONDITIONNEMENT DE LIQUIDE, ELEMENT D'EVACUATION DE LIQUIDE ET RECIPIENT MEDICAL**
[72] NOJIMA, YUSUKE, JP
[72] TAKAGI, HAJIME, JP
[72] OSHITA, SHINYA, JP
[71] KURARAY CO., LTD., JP
[85] 2018-09-14
[86] 2017-03-16 (PCT/JP2017/010715)
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[54] **PHENYL UREA DERIVATIVES AS N-FORMYL PEPTIDE RECEPTOR MODULATORS**
[54] **DERIVES DE PHENYLUREE SERVANT DE MODULATEURS DES RECEPTEURS DES PEPTIDES N-FORMYLES**
[72] DUONG, TIEN T., US
[72] BEARD, RICHARD L., US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2018-09-14
[86] 2017-03-28 (PCT/US2017/024531)
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[25] EN
[54] **MULTIFUNCTIONAL SYSTEM FOR THE SELF-RECOVERY OF WHEELED VEHICLES**
[54] **SYSTEME D'AUTODEPANNAGE DE VEHICULES A ROUES**
[72] VERBEEK, PATRICK, AU
[71] BUSH WINCHES AND ANCHORS PTY LTD, AU
[85] 2018-09-14
[86] 2017-03-16 (PCT/AU2017/000080)
[87] (WO2017/156571)
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[25] EN
[54] **RARITY TRADING LEGACY PROTECTION AND DIGITAL CONVERGENCE PLATFORM**
[54] **PROTECTION D'ELEMENTS HERITES EN NEGOCE DE RARETES ET PLATE-FORME DE CONVERGENCE NUMERIQUE**
[72] SAIGH, MICHAEL M., US
[72] ZHANG, XIAOHONG, US
[71] LIQUID RARITY EXCHANGE, LLC, US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022520)
[87] (WO2017/160992)
[30] US (15/072,911) 2016-03-17

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[51] **Int.Cl. B65D 1/32 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **FEEDING AID AND METHOD OF USE**
[54] **AIDE A L'ALIMENTATION ET PROCEDE D'UTILISATION**
[72] O'HARA, ALIX, AU
[71] MASHBLOX PTY LTD, AU
[85] 2018-09-17
[86] 2017-03-22 (PCT/AU2017/050257)
[87] (WO2017/161419)
[30] AU (2016901093) 2016-03-23
[30] AU (2016903045) 2016-08-02
[30] AU (2016253546) 2016-10-31

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[25] EN
[54] **SOLAR PANEL INTERCONNECTION SYSTEM**
[54] **SYSTEME D'INTERCONNEXION DE PANNEAUX SOLAIRES**
[72] LEKX, DAVID JOHN, CA
[72] MAHMOUDYSEPEHR, SEYED MOHSEN, CA
[71] CELESTICA INTERNATIONAL INC., CA
[85] 2018-09-17
[86] 2017-03-15 (PCT/CA2017/050338)
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[25] EN
[54] **COMPOUNDS AND METHODS FOR KINASE MODULATION AND INDICATIONS THEREFORE**
[54] **COMPOSES ET PROCEDES DE MODULATION DE KINASES ET INDICATIONS ASSOCIEES**
[72] LIN, JACK, US
[72] IBRAHIM, PRABHA N., US
[72] ALBERS, AARON, US
[72] BUELL, JOHN, US
[72] GUO, ZUOJUN, US
[72] PHAM, PHUONGLY, US
[72] POWERS, HANNAH, US
[72] SHI, SONGYUAN, US
[72] SPEVAK, WAYNE, US
[72] WU, GUOXIAN, US
[72] ZHANG, JIAZHONG, US
[72] ZHANG, YING, US
[72] WU, JEFFREY, US
[71] PLEXXIKON INC., US
[85] 2018-09-14
[86] 2017-03-15 (PCT/US2017/022587)
[87] (WO2017/161045)
[30] US (62/309,336) 2016-03-16

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[51] **Int.Cl. F23G 7/08 (2006.01) F23C 5/08 (2006.01) F23C 7/00 (2006.01) F23D 14/02 (2006.01)**
[25] EN
[54] **INCINERATING SYSTEM**
[54] **SYSTEME D'INCINERATION**
[72] MRAVCAK, VLADIMIR, CA
[72] NEUMAN, DALE, CA
[71] ATLANTIS RESEARCH LABS INC., CA
[85] 2018-09-17
[86] 2017-03-21 (PCT/CA2017/050359)
[87] (WO2017/161450)
[30] US (62/311,251) 2016-03-21
[30] US (62/360,852) 2016-07-11
[30] US (62/441,010) 2016-12-30

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[13] A1
[51] **Int.Cl. G21C 3/04 (2006.01) G21C 3/62 (2006.01)**
[25] EN
[54] **ENHANCING TOUGHNESS IN MICROENCAPSULATED NUCLEAR FUEL**
[54] **AMELIORATION DE LA TENACITE DANS UN COMBUSTIBLE NUCLEAIRE MICRO-ENCAPSULE**
[72] VENNERI, FRANCESCO, US
[71] ULTRA SAFE NUCLEAR CORPORATION, MX
[85] 2018-09-14
[86] 2017-03-29 (PCT/US2017/024794)
[87] (WO2017/172948)
[30] US (62/314,702) 2016-03-29

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[51] **Int.Cl. A61K 31/722 (2006.01) A61K 31/726 (2006.01) A61L 2/232 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS ET LEURS METHODES D'UTILISATION**
[72] BAKER, SHENDA, US
[72] WIESMANN, WILLIAM P., US
[72] TOWNSEND, STACY MARIE, US
[71] SYNEDGEN, INC., US
[85] 2018-09-14
[86] 2017-03-16 (PCT/US2017/022698)
[87] (WO2017/161113)
[30] US (62/309,281) 2016-03-16
[30] US (62/309,734) 2016-03-17

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[13] A1
[51] **Int.Cl. H05K 1/18 (2006.01) H05K 3/46 (2006.01)**
[25] EN
[54] **ULTRASONIC LAMINATION OF DIELECTRIC CIRCUIT MATERIALS**
[54] **STRATIFICATION A ULTRASONS DE MATERIAUX DE CIRCUIT DIELECTRIQUE**
[72] KOCUREK, PATRICK J., US
[72] RAJENDRAN, SANKERLINGAM, US
[71] RAYTHEON COMPANY, US
[85] 2018-09-14
[86] 2017-03-30 (PCT/US2017/025006)
[87] (WO2017/176549)
[30] US (62/317,888) 2016-04-04

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[51] **Int.Cl. A01K 15/02 (2006.01) A01K 15/00 (2006.01) A63B 47/02 (2006.01) A63B 69/40 (2006.01)**
[25] EN
[54] **PET FETCHING DEVICE**
[54] **DISPOSITIF DE JEU POUR ANIMAL DE COMPAGNIE**
[72] HAMILL, DENNIS W., US
[72] HAMILL, DEBORAH LYNN, US
[72] MORRIS, KIT, US
[72] VANDERVEEN, JOHN, US
[72] NEWNAM, SMITH, US
[72] OWENS, CHRIS, US
[71] IFETCH, LLC, US
[85] 2018-09-14
[86] 2017-03-16 (PCT/US2017/022810)
[87] (WO2017/161187)
[30] US (62/309,094) 2016-03-16

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SET CONNECTOR SYSTEMS FOR VENTING A FLUID RESERVOIR**
[54] **SYSTEMES DE CONNECTEUR D'ENSEMBLE POUR VENTILER UN RESERVOIR DE FLUIDE**
[72] CHATTARAJ, SARNATH, US
[72] DANG, KIEM H., US
[72] GULATI, POONAM S., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-09-14
[86] 2017-03-30 (PCT/US2017/025195)
[87] (WO2017/189161)
[30] US (15/140,229) 2016-04-27

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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/32 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **HUBER SAFETY NEEDLE**
[54] **AIGUILLE DE SECURITE DE HUBER**
[72] SHIMER, KURT, US
[72] GUNN, MATTHEW, US
[72] BIZUP, RAYMOND, US
[71] MEDICAL COMPONENTS, INC., US
[85] 2018-09-14
[86] 2017-03-17 (PCT/US2017/022877)
[87] (WO2017/161223)
[30] US (62/310,130) 2016-03-18
[30] US (62/407,137) 2016-10-12

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[13] A1
[51] **Int.Cl. D21H 21/00 (2006.01) C08F 212/04 (2006.01) C08F 220/00 (2006.01) D21H 19/36 (2006.01)**
[25] EN
[54] **PAPER COATING COMPOSITION AND PROCESSES OF MAKING THEREOF**
[54] **COMPOSITION DE REVETEMENT DE PAPIER ET PROCESSUS DE FABRICATION CORRESPONDANTS**
[72] FAN, LIQIANG, CN
[72] WANG, RUI, CN
[72] WANG, TAO, CN
[72] JIANG, SIYUAN, CN
[72] DU, HAITAO, CN
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-17
[86] 2016-03-18 (PCT/CN2016/076724)
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[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01) C12Q 1/68 (2018.01) G01N 33/483 (2006.01)**
[25] EN
[54] **NANOPORE DISCRIMINATION OF TARGET POLYNUCLEOTIDES FROM SAMPLE BACKGROUND BY FRAGMENTATION AND PAYLOAD BINDING**
[54] **DIFFERENCIATION, A TRAVERS DES NANOPORES, DE POLYNUCLEOTIDES CIBLES D'UN ARRIERE-PLAN D'ECHANTILLON PAR FRAGMENTATION ET LIAISON DE CHARGE UTILE**
[72] MORIN, TREVOR J., US
[72] DUNBAR, WILLIAM B., US
[72] HELLER, DANIEL A., US
[72] SHROPSHIRE, TYLER, US
[71] TWO PORE GUYS, INC., US
[85] 2018-09-14
[86] 2017-03-31 (PCT/US2017/025585)
[87] (WO2017/173392)
[30] US (62/316,452) 2016-03-31
[30] US (62/354,068) 2016-06-23
[30] US (62/412,221) 2016-10-24

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[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61B 17/17 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ULTRA-WIDEBAND POSITIONING FOR WIRELESS ULTRASOUND TRACKING AND COMMUNICATION**
[54] **POSITIONNEMENT A BANDE ULTRA-LARGE POUR LE SUIVI ET LA COMMUNICATION PAR ULTRASONS SANS FIL**
[72] MAHFOUZ, MOHAMED R., US
[71] MAHFOUZ, MOHAMED R., US
[85] 2018-09-14
[86] 2017-03-14 (PCT/US2017/022376)
[87] (WO2017/160889)
[30] US (62/308,176) 2016-03-14
[30] US (62/384,521) 2016-09-07

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[51] **Int.Cl. E21D 15/60 (2006.01)**
[25] EN
[54] **PROCESS METHOD FOR WITHDRAWING AND RECOVERING MECHANICAL CONSTANT-RESISTANCE SINGLE PROP**
[54] **TECHNIQUE DE RETRAIT ET PROCEDE DE RECUPERATION POU ETANCON MECANIQUE UNIQUE A RESISTANCE CONSTANTE**
[72] ZHANG, JIXIONG, CN
[72] ZHOU, NAN, CN
[72] QI, WENYUE, CN
[72] ZHANG, QIANG, CN
[72] LI, MENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-09-17
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[30] CN (201610953089.2) 2016-11-03

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[51] **Int.Cl. H02J 50/12 (2016.01) H02J 50/60 (2016.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR INDUCTIVE CHARGING OF A HANDHELD DEVICE**
[54] **SYSTEME ET APPAREIL DE CHARGE INDUCTIVE D'UN DISPOSITIF PORTATIF**
[72] LISSECK, LUTZ, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2018-09-14
[86] 2017-04-03 (PCT/US2017/025675)
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[30] US (62/322,821) 2016-04-15

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[51] **Int.Cl. B29B 11/14 (2006.01) B29B 11/08 (2006.01) B29C 49/06 (2006.01) B65D 1/02 (2006.01) B65D 23/06 (2006.01) B65D 25/40 (2006.01)**
[25] EN
[54] **MULTI-LAYER PREFORM AND CONTAINER**
[54] **PREFORME MULTICOUCHE ET CONTENANT**
[72] DUBUQUE, WILLIAM J., US
[72] MAST, LUKE A., US
[72] BEUERLE, FREDERICK C., US
[72] MAKI, KIRK EDWARD, US
[71] AMCOR GROUP GMBH, CH
[85] 2018-09-14
[86] 2017-04-05 (PCT/US2017/026100)
[87] (WO2017/176859)
[30] US (62/318,848) 2016-04-06

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS, METHODS, AND KITS FOR SYNTHESIS AND DETECTION OF NUCLEIC ACIDS**
[54] **COMPOSITIONS, PROCEDES, ET KITS POUR LA SYNTHESE ET LA DETECTION D'ACIDES NUCLEIQUES**
[72] LE, FERRIER, US
[72] RAMAMOORTHI, KALPITH, US
[72] WILDE, JOYCE, US
[72] FANTIN, NICOLE, US
[72] LANG, JORDAN, US
[72] DUPONT, DAVID, US
[72] STEVENS, JUNKO, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2018-09-14
[86] 2017-04-06 (PCT/US2017/026386)
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[30] US (62/319,151) 2016-04-06

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[54] **OVERWINDING PREVENTION METHOD AND APPARATUS FOR DEEP SHAFT HOISTING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE PROTECTION CONTRE LE SUR-ENROULEMENT POUR SYSTEME DE LEVAGE DE PUITS PROFOND**
[72] ZHOU, GONGBO, CN
[72] ZHU, ZHENCAI, CN
[72] YANG, PANPAN, CN
[72] LIU, SONGYONG, CN
[72] CAO, GUOHUA, CN
[72] PENG, YUXING, CN
[72] LI, WEI, CN
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[72] SHEN, GANG, CN
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[54] **SULFONATED AROMATIC COMPOUNDS**
[54] **COMPOSES AROMATIQUES SULFONES**
[72] KRAWCZYK, NASTARAN, DE
[72] MOLLER, ALEXANDER, DE
[72] GEIGLE, PETER, DE
[72] LARIONOV, EVGENY, DE
[72] HARTWIG, JAN, DE
[71] CMBLU PROJEKT AG, DE
[85] 2018-09-17
[86] 2017-04-07 (PCT/EP2017/000461)
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[25] EN
[54] **GRANULATE COMPRISING AN INORGANIC SOLID CARRIER WITH AT LEAST ONE BIOSURFACTANT CONTAINED THEREON**
[54] **GRANULES COMPRENANT UN SUPPORT SOLIDE INORGANIQUE SUR LEQUEL EST CONTENU AU MOINS UN TENSIOACTIF BIOLOGIQUE**
[72] KUPPERT, DIRK, DE
[72] EGNER, RUDOLF, DE
[72] LATTICH, JURGEN, DE
[72] HILDEBRAND, JENS, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **METHOD FOR PRODUCING LOW MOLECULAR WEIGHT AROMATIC LIGNIN-DERIVED COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES DERIVES DE LIGNINE AROMATIQUE DE BAS POIDS MOLECULAIRE**
[72] KRAWCZYK, NASTARAN, DE
[72] MOLLER, ALEXANDER, DE
[72] GEIGLE, PETER, DE
[71] CMBLU PROJEKT AG, DE
[85] 2018-09-17
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING EMPAGLIFLOZIN AND USES THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'EMPAGLIFLOZINE ET SES UTILISATIONS**
[72] BROEDL, ULI, DE
[72] SALSALI, AFSHIN, US
[72] WOERLE, HANS-JUERGEN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-09-17
[86] 2017-03-13 (PCT/EP2017/055767)
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[25] EN
[54] **METHOD FOR PREPARING AROMATIC HYDROCARBON WITH CARBON DIOXIDE HYDROGENATION**
[54] **PROCEDE DE PREPARATION D'HYDROCARBURE AROMATIQUE AVEC HYDROGENATION DE DIOXYDE DE CARBONE**
[72] GE, QINGJIE, CN
[72] WEI, JIAN, CN
[72] XU, HENGYONG, CN
[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN
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[25] EN
[54] **A METHOD AND A DEVICE FOR ENCODING A HIGH DYNAMIC RANGE PICTURE, CORRESPONDING DECODING METHOD AND DECODING DEVICE**
[54] **PROCEDE ET DISPOSITIF DE CODAGE D'IMAGE A PLAGE DYNAMIQUE ELEVEE, PROCEDE DE DECODAGE CORRESPONDANT ET DISPOSITIF DE DECODAGE**
[72] ANDRIVON, PIERRE, FR
[72] LASSERRE, SEBASTIEN, FR
[72] TOUZE, DAVID, FR
[72] FRANCOIS, EDOUARD, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
[85] 2018-09-17
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[25] EN
[54] **PLANTS COMPRISING WHEAT G-TYPE CYTOPLASMIC MALE STERILITY RESTORER GENES, MOLECULAR MARKERS AND USES THEREOF**
[54] **PLANTES COMPRENANT DES GENES RESTAURATEURS DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS**
[72] ROHDE, ANTJE, BE
[72] JACOBS, JOHN, BE
[71] BAYER CROPSCIENCE NV, BE
[85] 2018-09-17
[86] 2017-03-16 (PCT/EP2017/056302)
[87] (WO2017/158126)
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[25] EN
[54] **IRON BASED POWDER**
[54] **POUDRE A BASE DE FER**
[72] LARSSON, CAROLINE, SE
[72] ENGSTROM, ULF, SE
[72] SZABO, CHRISTOPHE, DE
[71] HOGANAS AB (PUBL), SE
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[25] EN
[54] **PLANTS COMPRISING WHEAT G-TYPE CYTOPLASMIC MALE STERILITY RESTORER GENES, MOLECULAR MARKERS AND USES THEREOF**
[54] **PLANTES COMPRENANT DES GENES RESTAURATEURS DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS**
[72] ROHDE, ANTJE, BE
[72] JACOBS, JOHN, BE
[71] BASF SE, DE
[85] 2018-09-17
[86] 2017-03-16 (PCT/EP2017/056304)
[87] (WO2017/158127)
[30] EP (16160776.7) 2016-03-16
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[25] EN
[54] **PLANTS COMPRISING WHEAT G-TYPE CYTOPLASMIC MALE STERILITY RESTORER GENES, MOLECULAR MARKERS AND USES THEREOF**
[54] **PLANTES COMPRENANT DES GENES DE RESTAURATION DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS**
[72] ROHDE, ANTJE, BE
[72] JACOBS, JOHN, BE
[71] BAYER CROPSCIENCE N.V., BE
[85] 2018-09-17
[86] 2017-03-16 (PCT/EP2017/056306)
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[25] EN
[54] **AUDIO SEARCH USER INTERFACE**
[54] **INTERFACE UTILISATEUR DE RECHERCHE AUDIO**
[72] URBAIN, GABRIEL, BE
[72] MOINET, ALEXIS, BE
[72] FRISSON, CHRISTIAN, BE
[71] UNIVERSITE DE MONS, BE
[85] 2018-09-17
[86] 2017-03-17 (PCT/EP2017/056395)
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[25] EN
[54] **KIT FOR THE COSMETIC TREATMENT OF THE EYE AND THE SKIN, AND COSMETIC FOR APPLICATION TO THE EYE AND TO THE SKIN**
[54] **KIT DESTINE AU TRAITEMENT COSMETIQUE DE L'OEIL ET DE LA PEAU ET PRODUIT COSMETIQUE A APPLIQUER SUR L'OEIL ET LA PEAU**
[72] MAHLER, MARKUS, DE
[72] STEINFELD, UTE, DE
[72] HOLZER, DOMINIK, DE
[71] URSAPHARM ARZNEIMITTEL GMBH, DE
[85] 2018-09-17
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[87] (WO2017/158157)
[30] DE (10 2016 204 472.9) 2016-03-17

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[25] EN
[54] **FLOATING PHARMACEUTICAL DOSAGE FORM**
[54] **FORME PHARMACEUTIQUE FLOTTANTE**
[72] WENING, KLAUS, DE
[72] STOMBERG, CARMEN, DE
[72] HAUPTS, MARCEL, DE
[71] GRUNENTHAL GMBH, DE
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[86] 2017-03-17 (PCT/EP2017/056416)
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[25] EN
[54] **COMBINATION OF DRUGS HAVING DIFFERENT POTENCY**
[54] **ASSOCIATION DE MEDICAMENTS AYANT DES PUISSANCES DIFFERENTES**
[72] STOMBERG, CARMEN, DE
[72] WENING, KLAUS, DE
[72] HAUPTS, MARCEL, DE
[71] GRUNENTHAL GMBH, DE
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[51] **Int.Cl. C07K 14/395 (2006.01) C12N 1/22 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **REGULATION OF THE RAS/CAMP/PKA SIGNALING PATHWAY IN YEASTS**
[54] **REGULATION DE LA VOIE DE SIGNALISATION RAS/CAMP/PKA DANS DES LEVURES**
[72] OESER, MICHELLE, US
[72] HENNINGSEN, BROOKS, US
[72] FISHER, JANET, US
[72] RICE, CHARLES F., US
[72] FROEHLICH, ALLAN, US
[72] ARGYROS, AARON, US
[72] ZELLE, RINTZE M., US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[86] 2017-03-17 (PCT/EP2017/056456)
[87] (WO2017/158189)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **NAPHTHYRIDINES AS INTEGRIN ANTAGONISTS**
[54] **UTILISATION DE NAPHTYRIDINES EN TANT QU'ANTAGONISTES DE L'INTEGRINE**
[72] ANDERSON, NIALL ANDREW, GB
[72] CAMPBELL-CRAWFORD, MATTHEW HOWARD JAMES, GB
[72] HANCOCK, ASHLEY PAUL, GB
[72] LEMMA, SEBLE, GB
[72] PRITCHARD, JOHN MARTIN, GB
[72] PROCOPIOU, PANAYIOTIS ALEXANDROU, GB
[72] REDMOND, JOANNA MARY, GB
[72] SOLLIS, STEVEN LESLIE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[51] **Int.Cl. F04B 9/14 (2006.01) B05B 11/00 (2006.01) F04B 53/12 (2006.01)**
[25] EN
[54] **METERING PUMP FOR A METERING DEVICE AND ALSO METERING DEVICE**
[54] **POMPE DOSEUSE POUR UN DISPOSITIF DOSEUR ET AUSSI UN DISPOSITIF DOSEUR**
[72] LEE, HYECK-HEE, DE
[72] STEINFELD, UTE, DE
[72] MAHLER, MARKUS, DE
[72] HOLZER, FRANK, DE
[71] F. HOLZER GMBH, DE
[85] 2018-09-17
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[87] (WO2017/162655)
[30] DE (10 2016 204 953.4) 2016-03-24

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[13] A1
[51] **Int.Cl. B65B 25/04 (2006.01) B65G 51/01 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR THE HYDRAULIC FORCED-SUPPLY FILLING OF CASES WITH FLOATING OBJECTS**
[54] **PROCEDE ET DISPOSITIF DE REMPLISSAGE HYDRAULIQUE DE CAISSES PAR DES OBJETS FLOTTANTS A ALIMENTATION FORCEE**
[72] BLANC, PHILIPPE, FR
[71] MAF AGROBOTIC, FR
[85] 2018-09-17
[86] 2017-03-23 (PCT/EP2017/057023)
[87] (WO2017/162841)
[30] FR (16.52642) 2016-03-25

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[51] **Int.Cl. C22B 1/02 (2006.01)**
[25] EN
[54] **PROCESS AND FACILITY FOR THERMAL TREATMENT OF A SULFUR-CONTAINING ORE**
[54] **PROCEDE ET INSTALLATION POUR LE TRAITEMENT THERMIQUE D'UN MINERAI CONTENANT DU SOUFRE**
[72] STORCH, HANNES, DE
[72] DAUM, KARL-HEINZ, DE
[72] HAMMERSCHMIDT, JORG, DE
[72] BRAUNER, STEFAN, DE
[72] CHARITOS, ALEXANDROS, DE
[72] GUNTNER, JOCHEN, DE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-09-17
[86] 2017-03-24 (PCT/EP2017/057087)
[87] (WO2017/162857)
[30] DE (10 2016 105 574.3) 2016-03-24

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[51] **Int.Cl. A61K 38/48 (2006.01) A61P 21/02 (2006.01) A61P 25/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **COLLECTING PHYSICAL THERAPY INFORMATION TO ENHANCE TREATMENT EFFICACY OF BOTULINUM TOXIN**
[54] **COLLECTE D'INFORMATIONS DE THERAPIE PHYSIQUE POUR AMELIORER L'EFFICACITE DE TRAITEMENT DE LA TOXINE BOTULIQUE**
[72] GRACIES, JEAN-MICHEL, FR
[71] IPSEN BIOPHARM LIMITED, GB
[85] 2018-09-17
[86] 2017-03-24 (PCT/EP2017/057114)
[87] (WO2017/162870)
[30] US (62/313,418) 2016-03-25

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[51] **Int.Cl. A61K 31/592 (2006.01) A61K 31/593 (2006.01) A61P 3/02 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **METHODS OF VITAMIN D TREATMENT**
[54] **PROCEDES DE TRAITEMENT PAR LA VITAMINE D**
[72] MELNICK, JOEL Z., US
[72] BISHOP, CHARLES W., US
[72] PETKOVICH, P. MARTIN, CA
[72] STRUGNELL, STEPHEN A., US
[71] OPKO IRELAND GLOBAL HOLDINGS, LIMITED, KY
[85] 2018-09-17
[86] 2017-03-28 (PCT/EP2017/057282)
[87] (WO2017/182237)
[30] US (62/314,359) 2016-03-28

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[13] A1
[51] **Int.Cl. B21B 21/00 (2006.01)**
[25] EN
[54] **COLD PILGER ROLLING MILL AND METHOD FOR MANUFACTURING A TUBE**
[54] **LAMINOIR A FROID A PAS DE PELERIN ET PROCEDE DE FABRICATION D'UN TUBE**
[72] HEDVALL, CHRISTOFER, DE
[72] RAUFFMANN, UDO, DE
[72] FROBOSE, THOMAS, DE
[71] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
[85] 2018-09-17
[86] 2017-03-28 (PCT/EP2017/057312)
[87] (WO2017/167750)
[30] DE (10 2016 106 035.6) 2016-04-01

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[13] A1
[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DECRYPTING NETWORK TRAFFIC IN A VIRTUALIZED ENVIRONMENT**
[54] **SYSTEME ET PROCEDES DE DECRYPTAGE DE TRAFIC DE RESEAU DANS UN ENVIRONNEMENT VIRTUALISE**
[72] CARAGEA, RADU, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2018-09-17
[86] 2017-03-29 (PCT/EP2017/057422)
[87] (WO2017/174418)
[30] US (62/317,804) 2016-04-04
[30] US (15/471,981) 2017-03-28

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[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC DEVICE DETECTION**
[54] **SYSTEME ET PROCEDES PERMETTANT UNE DETECTION DE DISPOSITIF AUTOMATIQUE**
[72] CEBERE, BOGDAN-CONSTANTIN, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2018-09-17
[86] 2017-03-29 (PCT/EP2017/057471)
[87] (WO2017/167836)
[30] US (62/315,834) 2016-03-31

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[51] **Int.Cl. B01F 7/00 (2006.01)**
[25] EN
[54] **MIXING SHAFT**
[54] **ARBRE DE MELANGE**
[72] SEILER, ANDREAS, DE
[72] BECHTOLD, MATTHIAS, DE
[72] DORR, MARTIN, DE
[72] LUKSCHE, CHRISTIAN, DE
[71] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG, DE
[85] 2018-09-17
[86] 2017-04-03 (PCT/EP2017/057874)
[87] (WO2017/174521)
[30] DE (10 2016 106 536.6) 2016-04-08
[30] DE (20 2016 106 597.6) 2016-11-25

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[51] **Int.Cl. A61K 31/138 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **USE OF TAMOXIFEN FOR THE TREATMENT OF CYSTIC FIBROSIS IN PATIENTS OF BOTH SEXES**
[54] **UTILISATION DE TAMOXIFENE POUR LE TRAITEMENT DE LA MUCOVISCIDOSE CHEZ DES PATIENTS DES DEUX SEXES**
[72] BALDUZZI, GIORGIO, IT
[71] GB PHARMA S.R.L., IT
[85] 2018-09-17
[86] 2017-04-03 (PCT/EP2017/057895)
[87] (WO2017/174529)
[30] IT (UA2016A002292) 2016-04-05

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[51] **Int.Cl. H02K 1/30 (2006.01) F03D 9/25 (2016.01) F03B 13/00 (2006.01) F03B 13/08 (2006.01) H02K 1/02 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **GENERATOR ROTOR FOR A GENERATOR OF A WIND TURBINE OR A HYDROELECTRIC POWER PLANT, AND A GENERATOR, WIND TURBINE AND HYDROELECTRIC POWER PLANT COMPRISING SAME**
[54] **ROTOR DE GENERATEUR POUR UN GENERATEUR D'EOLIENNE OU DE CENTRALE HYDROELECTRIQUE, GENERATEUR, EOLIENNE ET CENTRALE HYDROELECTRIQUE EQUIPES DUDIT ROTOR DE GENERATEUR**
[72] BOETTCHER, BERND, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-17
[86] 2017-04-05 (PCT/EP2017/058047)
[87] (WO2017/178291)
[30] DE (10 2016 206 179.8) 2016-04-13

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[13] A1
[51] **Int.Cl. C07D 277/54 (2006.01) A61K 31/426 (2006.01) A61K 31/662 (2006.01) A61P 31/22 (2006.01) C07F 9/38 (2006.01) C07F 9/40 (2006.01) C07F 9/44 (2006.01)**
[25] EN
[54] **AMINOTHIAZOLE DERIVATIVES USEFUL AS ANTIVIRAL AGENTS**
[54] **DERIVES D'AMINOTHIAZOLE UTILES EN TANT QU'AGENTS ANTIVIRAUX**
[72] KLEYMANN, GERALD, DE
[72] GEGE, CHRISTIAN, DE
[71] INNOVATIVE MOLECULES GMBH, DE
[85] 2018-09-17
[86] 2017-04-05 (PCT/EP2017/058077)
[87] (WO2017/174640)
[30] EP (16000787.8) 2016-04-06

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[51] **Int.Cl. B25J 9/00 (2006.01) A61F 5/02 (2006.01)**
[25] EN
[54] **EXOSKELETON FOR A HUMAN BEING**
[54] **EXOSQUELETTE POUR ETRE HUMAIN**
[72] WEIDNER, ROBERT, DE
[72] WULFSBERG, JENS-PETER, DE
[72] OTTEN, BERNWARD, DE
[72] ARGUBI-WOLLESEN, ANDREAS, DE
[71] EXOIQ GMBH, DE
[85] 2018-09-10
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[87] (WO2017/157941)
[30] DE (10 2016 003 063.1) 2016-03-14

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[25] EN
[54] **RECOVERY OF METALS FROM CALCIUM-RICH MATERIALS**
[54] **RECUPERATION DE METAUX A PARTIR DE MATERIAUX RICHES EN CALCIUM**
[72] KOTIRANTA, TUUKKA, FI
[72] PALOVAARA, PETRI, FI
[72] PISILA, SAULI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-09-17
[86] 2016-03-22 (PCT/FI2016/050179)
[87] (WO2017/162901)

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[51] **Int.Cl. B01D 25/127 (2006.01) B01D 25/164 (2006.01) B01D 33/048 (2006.01)**
[25] EN
[54] **HORIZONTAL PRESSURE FILTER COLLECTOR ELEMENT, HORIZONTAL PRESSURE FILTER PLATE ELEMENT, HORIZONTAL PRESSURE FILTER, AND METHODS RELATED THERETO**
[54] **ELEMENT DE COLLECTEUR A FILTRE SOUS PRESSION HORIZONTAL, ELEMENT DE PLAQUE A FILTRE SOUS PRESSION HORIZONTAL, FILTRE SOUS PRESSION HORIZONTAL, ET PROCEDES ASSOCIES**
[72] PARTTI, ARI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-09-17
[86] 2017-03-22 (PCT/FI2017/050202)
[87] (WO2017/162924)
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[13] A1
[51] **Int.Cl. B66C 1/16 (2006.01)**
[25] EN
[54] **A LIFTING SYSTEM AND A CARRIER ELEMENT FOR SUCH A LIFTING SYSTEM**
[54] **SYSTEME DE LEVAGE ET ELEMENT DE SUPPORT POUR UN TEL SYSTEME DE LEVAGE**
[72] NIELSEN, ESBEN, DK
[71] CRH CONCRETE A/S, DK
[85] 2018-09-17
[86] 2017-05-23 (PCT/EP2017/062402)
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[13] A1
[51] **Int.Cl. B65G 57/16 (2006.01) B65B 35/00 (2006.01) B65G 47/08 (2006.01) B65G 57/14 (2006.01)**
[25] EN
[54] **TRANSFER UNIT AND PROCESS**
[54] **UNITE ET PROCEDE DE TRANSFERT**
[72] KLOTZ, FRANCK, CA
[72] ARRUDA, PAULO, CA
[71] GEBO CERMEX CANADA INC., CA
[85] 2018-09-17
[86] 2016-03-25 (PCT/IB2016/000375)
[87] (WO2017/163097)

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[25] EN
[54] **STACKING MEANS FOR PRODUCTS**
[54] **MOYEN D'EMPILAGE DE PRODUITS**
[72] KLOTZ, FRANCK, CA
[72] HUTTER, PATRICK, FR
[71] GEBO CERMEX CANADA INC., CA
[85] 2018-09-17
[86] 2016-03-24 (PCT/IB2016/000379)
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[25] EN
[54] **MESSAGE TRANSFER SYSTEM, METHOD OF TRANSFERRING MESSAGES AND SOFTWARE PRODUCT**
[54] **SYSTEME ET PROCEDE DE TRANSFERT DE MESSAGE ET PRODUIT LOGICIEL**
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[72] SLYNE, FRANK, IE
[72] KELLY, HUGH, IE
[71] WEBTEXT HOLDINGS LTD., IE
[85] 2018-09-17
[86] 2017-03-16 (PCT/IB2017/051548)
[87] (WO2017/158558)
[30] US (15/072,440) 2016-03-17

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[25] EN
[54] **CAPSULE FOR INFUSION PRODUCTS, IN PARTICULAR COFFEE**
[54] **CAPSULE POUR PRODUITS D'INFUSION, EN PARTICULIER DU CAFE**
[72] RONDELLI, RAFFAELE, IT
[71] MACCHIAVELLI S.R.L., IT
[85] 2018-09-17
[86] 2017-03-23 (PCT/IB2017/051693)
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[30] IT (102016000030458) 2016-03-23

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[25] EN
[54] **LACTIC ACID BACTERIAL COMPOSITION FOR THE TREATMENT OF BACTERIAL VAGINAL INFECTIONS BY GARDNERELLA VAGINALIS AND, IF PRESENT, OF CONCURRENT FUNGAL INFECTIONS**
[54] **COMPOSITION BACTERIENNE D'ACIDE LACTIQUE POUR LE TRAITEMENT D'INFECTIONS VAGINALES BACTERIENNES PAR GARDNERELLA VAGINALIS ET, EVENTUELLEMENT, D'INFECTIONS FONGIQUES CONCURRENTES**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2018-09-17
[86] 2017-03-24 (PCT/IB2017/051710)
[87] (WO2017/163216)
[30] IT (102016000031269) 2016-03-24

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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **PHACOEMULSIFICATION HANDPIECE WITH FLEXIBLE IMPELLER PUMP**
[54] **PIECE A MAIN DE PHACO-EMULSIFICATION AVEC POMPE A HELICE FLEXIBLE**
[72] BOURNE, JOHN, US
[71] NOVARTIS AG, CH
[85] 2018-09-17
[86] 2017-06-22 (PCT/IB2017/053743)
[87] (WO2017/221200)
[30] US (62/354,265) 2016-06-24
[30] US (15/218,995) 2016-07-25

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[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **NMES GARMENT**
[54] **VETEMENT DE STIMULATION ELECTRIQUE NEUROMUSCULAIRE**
[72] GIROUARD, MICHAEL P., US
[72] GIROUARD, JONIE M., US
[71] GIROUARD, MICHAEL P., US
[71] GIROUARD, JONIE M., US
[85] 2018-09-17
[86] 2016-03-17 (PCT/US2016/022985)
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[30] US (62/134,407) 2015-03-17
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[13] A1
[51] **Int.Cl. A61J 15/00 (2006.01)**
[25] EN
[54] **ENTERAL FEEDING DEVICE CONNECTOR**
[54] **RACCORD DE DISPOSITIF D'ALIMENTATION ENTERALE**
[72] GRIFFITH, NATHAN, US
[72] MCMICHAEL, DONALD, US
[71] AVENT, INC., US
[85] 2018-09-17
[86] 2016-03-18 (PCT/US2016/023076)
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[51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/26 (2013.01) G10L 21/04 (2013.01)**
[25] EN
[54] **SIGNAL QUALITY-BASED ENHANCEMENT AND COMPENSATION OF COMPRESSED AUDIO SIGNALS**
[54] **AMELIORATION BASEE SUR LA QUALITE DU SIGNAL ET COMPENSATION DE SIGNAUX AUDIO COMPRESSES**
[72] SOULODRE, GILBERT ARTHUR JOSEPH, CA
[72] HEBER, KEVIN, US
[71] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
[85] 2018-09-17
[86] 2016-03-24 (PCT/US2016/024047)
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[51] **Int.Cl. C09K 8/52 (2006.01) C07C 233/04 (2006.01)**
[25] EN
[54] **HYDRATE INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS D'HYDRATES ET METHODES D'UTILISATION DE CES DERNIERS**
[72] LAN, QIANG, US
[72] MONTEIRO, DEEPAK STEVEN, US
[72] CEGLIO, MARK PAUL, II, US
[72] KRISHNAMURTHY, PUSHKALA, US
[72] ACOSTA, ERICK J., US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2018-09-17
[86] 2016-04-19 (PCT/US2016/028220)
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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] FR
[54] **METHOD FOR AUTHENTICATING AND/OR CHECKING THE INTEGRITY OF A SUBJECT**
[54] **PROCEDE D'AUTHENTIFICATION ET/OU DE CONTROLE D'INTEGRITE D'UN SUJET**
[72] BOUTANT, YANN, FR
[72] FOURNEL, THIERRY, FR
[71] KERQUEST, FR
[85] 2018-05-24
[86] 2016-11-28 (PCT/FR2016/053125)
[87] (WO2017/089736)
[30] FR (1561527) 2015-11-27
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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **VAPOUR PROVISION APPARATUS**
[54] **APPAREIL DE FOURNITURE DE VAPEUR**
[72] LEADLEY, DAVID, GB
[72] WRIGHT, JEREMY, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-09-17
[86] 2017-03-21 (PCT/GB2017/050783)
[87] (WO2017/163046)
[30] GB (1605105.4) 2016-03-24

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[25] EN
[54] **DELAYED RELEASE PHARMACEUTICAL FORMULATIONS COMPRISING VALPROIC ACID, AND USES THEREOF**
[54] **FORMULATIONS PHARMACEUTIQUES A LIBERATION RETARDEE COMPRENANT DE L'ACIDE VALPROIQUE, ET LEURS UTILISATIONS**
[72] GUSTAFSSON, NILS OVE, SE
[72] MARTENSSON, HANS ROGER MARCUS, SE
[72] BERGH, NIKLAS, SE
[72] SALJO, JONAS FAIJERSON, SE
[72] JERN, SVERKER, SE
[71] CERENO SCIENTIFIC AB, SE
[85] 2018-09-17
[86] 2017-04-10 (PCT/GB2017/051002)
[87] (WO2017/175013)
[30] GB (1606197.0) 2016-04-08

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[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **POROUS SEPARATOR FOR FUEL CELLS**
[54] **SEPARATEUR POREUX POUR PILES A COMBUSTIBLE**
[72] TANNO, FUMIO, JP
[72] OKAMOTO, SHUSUKE, JP
[71] NISSHINBO CHEMICAL INC., JP
[85] 2018-09-17
[86] 2017-02-06 (PCT/JP2017/004141)
[87] (WO2017/159110)
[30] JP (2016-050925) 2016-03-15

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[25] EN
[54] **SHEET JIG, STAGE, MANUFACTURING APPARATUS, AND METHOD FOR MANUFACTURING SECONDARY CELL**
[54] **GABARIT DE FEUILLE, PLATINE, DISPOSITIF DE FABRICATION, ET PROCEDE DE FABRICATION DE BATTERIE SECONDAIRE**
[72] KIMURA, KATSUHIKO, JP
[72] MIZOE, YOSHIAKI, JP
[72] SAITO, TOMOKAZU, JP
[72] DEWA, HARUTADA, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[85] 2018-09-17
[86] 2017-03-23 (PCT/JP2017/011722)
[87] (WO2017/170124)
[30] JP (2016-063451) 2016-03-28

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[51] **Int.Cl. B01D 69/02 (2006.01) B01D 65/10 (2006.01) B01D 69/06 (2006.01) B01D 69/08 (2006.01) B01D 69/12 (2006.01) B01D 71/10 (2006.01) D01D 5/24 (2006.01) D01F 2/04 (2006.01)**
[25] EN
[54] **VIRUS REMOVAL MEMBRANE AND METHOD FOR MANUFACTURING VIRUS REMOVAL MEMBRANE**
[54] **MEMBRANE D'ELIMINATION DE VIRUS ET PROCEDE DE FABRICATION DE MEMBRANE D'ELIMINATION DE VIRUS**
[72] FUTAMURA, AKIKA, JP
[72] KON, YUSUKE, JP
[72] HONGO, TOMOKO, JP
[71] ASAHI KASEI MEDICAL CO., LTD., JP
[85] 2018-09-17
[86] 2017-03-30 (PCT/JP2017/013277)
[87] (WO2017/170874)
[30] JP (2016-072468) 2016-03-31

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12M 1/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **KIT OR DEVICE FOR DETECTING EARLY STAGE PANCREATIC CANCER OR PANCREATIC CANCER PRECURSOR LESIONS AND DETECTION METHOD THEREFOR**
[54] **KIT OU DISPOSITIF PERMETTANT DE DETECTER UN CANCER DU PANCREAS A UN STADE PRECOCE OU DES LESIONS CONDUISANT A UN CANCER DU PANCREAS ET PROCEDE DE DETECTION ASSOCIE**
[72] KAWAUCHI, JUNPEI, JP
[72] SUDO, HIROKO, JP
[72] KOZONO, SATOKO, JP
[72] OCHIAI, ATSUSHI, JP
[72] KOJIMA, MOTOHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2018-09-17
[86] 2017-03-31 (PCT/JP2017/013728)
[87] (WO2017/171048)
[30] JP (2016-073132) 2016-03-31

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[13] A1
[51] **Int.Cl. G21C 5/18 (2006.01) G21C 19/20 (2006.01) G21D 1/00 (2006.01)**
[25] EN
[54] **INTER-MODULE FUEL SHUFFLING**
[54] **REARRANGEMENT DE COMBUSTIBLE INTER-MODULE**
[72] KITTO, ALLYSON, US
[72] INGERSOLL, DANIEL, US
[72] REYES, JOSE N., JR., US
[71] NUSCALE POWER, LLC, US
[85] 2018-09-17
[86] 2017-03-01 (PCT/US2017/020169)
[87] (WO2017/184259)
[30] US (62/314,523) 2016-03-29
[30] US (15/445,186) 2017-02-28

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[13] A1
[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **PUNCTURE RESISTANT SEALS FOR LOADING DOCKS**
[54] **SAS DE PROTECTION RESISTANT A LA PERFORATION POUR QUAIS DE CHARGEMENT**
[72] HEIM, FRANK, US
[72] BORGERDING, GARY, US
[72] WITHROW, RYAN, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2018-09-17
[86] 2017-03-03 (PCT/US2017/020732)
[87] (WO2017/160512)
[30] US (15/073,252) 2016-03-17

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01)**
[25] EN
[54] **NEUTRALIZING MONOCLONAL ANTIBODIES TO IL-25 AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX NEUTRALISANTS DIRIGES CONTRE L'IL-25 ET LEURS UTILISATIONS**
[72] SHIMKETS, RICHARD A., US
[72] JACKSON, CRYSTAL LYLES, US
[72] BARTLETT, NATHAN, AU
[72] VINCENT, THOMAS, US
[72] LUO, YONGHUA, US
[71] ABEOME CORPORATION, US
[71] SHIMKETS, RICHARD A., US
[71] JACKSON, CRYSTAL LYLES, US
[71] BARTLETT, NATHAN, AU
[71] VINCENT, THOMAS, US
[71] LUO, YONGHUA, US
[85] 2018-09-17
[86] 2017-03-09 (PCT/US2017/021578)
[87] (WO2017/160587)
[30] US (62/309,135) 2016-03-16

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[13] A1
[51] **Int.Cl. B29C 39/14 (2006.01) B01D 1/04 (2006.01) B01D 1/08 (2006.01) B01D 1/30 (2006.01) B01D 3/06 (2006.01) B01J 4/00 (2006.01) B01J 19/24 (2006.01) B65D 25/40 (2006.01)**
[25] EN
[54] **NOZZLE/HEADER DESIGN FOR POLYSTYRENE**
[54] **CONCEPTION DE BUSE/COLLECTEUR POUR POLYSTYRENE**
[72] TOMLINSON, JOHN, US
[72] SOSA, JOSE, US
[72] CORLETO, CARLOS R., US
[72] KENNEDY, ROY, US
[71] FINA TECHNOLOGY, INC., US
[85] 2018-09-17
[86] 2017-03-10 (PCT/US2017/021875)
[87] (WO2017/172327)
[30] US (15/085,464) 2016-03-30

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DETERMINING THE ROBUSTNESS OF DISCRETE FRACTURE NETWORK PERMEABILITY ESTIMATES**
[54] **DETERMINATION D'ESTIMATIONS DE ROBUSTESSE DE PERMEABILITE DE RESEAU DE FRACTURES DISCRETES**
[72] HOEINK, TOBIAS, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/022894)
[87] (WO2017/161230)
[30] US (15/074,621) 2016-03-18

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[13] A1
[51] **Int.Cl. E05C 17/20 (2006.01) E05B 81/20 (2014.01) E05F 15/611 (2015.01)**
[25] EN
[54] **DOOR PRESENTING SYSTEM AND METHOD OF OPERATING SAME**
[54] **SYSTEME DE PRESENTATION DE PORTE ET SON PROCEDE DE COMMANDE**
[72] WORDEN, SCOTT DAVID, CA
[72] SUBRAMANIAM, JEYAKUMAR, CA
[72] DANIELS, ANDREW R., CA
[72] DOMINIK, TOMASZ T., CA
[71] MULTIMATIC INC., CA
[85] 2018-09-17
[86] 2017-03-14 (PCT/US2017/022231)
[87] (WO2017/160787)
[30] US (62/308,420) 2016-03-15

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[13] A1
[51] **Int.Cl. G01N 15/14 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **CELL SORTING USING A HIGH THROUGHPUT FLUORESCENCE FLOW CYTOMETER**
[54] **TRI DE CELLULES A L'AIDE D'UN CYTOMETRE DE FLUX A FLUORESCENCE A HAUT DEBIT**
[72] DIEBOLD, ERIC, US
[72] OWSLEY, KEEGAN, US
[72] LIN, JONATHAN, US
[71] BD BIOSCIENCES, US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/022936)
[87] (WO2017/161247)
[30] US (62/309,806) 2016-03-17

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/115 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **OLIGONUCLEOTIDE PROBES AND USES THEREOF**
[54] **SONDES OLIGONUCLEOTIDIQUES ET UTILISATIONS DE CELLES-CI**
[72] DOMENYUK, VALERIY, US
[72] HORNUNG, TASSILO, US
[72] O'NEILL, HEATHER, US
[72] MIGLARESE, MARK, US
[72] SPETZLER, DAVID, US
[71] CARIS SCIENCE, INC., US
[85] 2018-09-17
[86] 2017-03-18 (PCT/US2017/023108)
[87] (WO2017/161357)
[30] US (62/310,665) 2016-03-18
[30] US (62/413,361) 2016-10-26
[30] US (62/420,497) 2016-11-10
[30] US (62/432,561) 2016-12-09
[30] US (62/457,691) 2017-02-10
[30] US (62/472,953) 2017-03-17

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **MEDICAL DELIVERY DEVICE WITH AXIALLY EXPANDABLE DRIVE MEMBER**
[54] **DISPOSITIF D'ADMINISTRATION MEDICALE MUNI D'UN ELEMENT D'ENTRAINEMENT EXTENSIBLE AXIALEMENT**
[72] JUDSON, JARED ALDEN, US
[72] MOULTON, TIMOTHY LEE, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-09-17
[86] 2017-03-14 (PCT/US2017/022259)
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[30] US (62/310,961) 2016-03-21

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[13] A1
[51] **Int.Cl. H01L 29/66 (2006.01) B01L 3/00 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **WAFER-SCALE ASSEMBLY OF INSULATOR-MEMBRANE-INSULATOR DEVICES FOR NANOPORE SENSING**
[54] **ENSEMBLE A L'ECHELLE D'UNE TRANCHE DE DISPOSITIFS ISOLANT-MEMBRANE-ISOLANT UTILISE EN VUE D'UNE DETECTION DE NANOPORES**
[72] LIU, XU, US
[72] ZHANG, YUNING, US
[72] DUNBAR, WILLIAM B., US
[71] TWO PORE GUYS, INC., US
[85] 2018-09-17
[86] 2017-03-20 (PCT/US2017/023149)
[87] (WO2017/165267)
[30] US (62/311,294) 2016-03-21
[30] US (62/356,303) 2016-06-29

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[13] A1
[51] **Int.Cl. C08G 18/66 (2006.01) C08G 18/08 (2006.01) C08G 18/44 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **MELT PROCESSABLE THERMOPLASTIC POLYURETHANE-UREA ELASTOMERS**
[54] **ELASTOMERES THERMOPLASTIQUES DE POLYURETHANE-UREE POUVANT ETRE TRAITES A L'ETAT FONDU**
[72] MAKAL, UMIT G., US
[72] LOEBER, GEORGE H., US
[72] SURAGANI VENU, LALITH B., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/022957)
[87] (WO2017/165221)
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[54] **PROCEDE D'HYDROFORMYLATION**
[72] SIMPSON, KATHLEEN, US
[72] SMITH, GERALD L., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2018-09-17
[86] 2017-03-15 (PCT/US2017/022474)
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[54] **ANODE FOR ALKALINE WATER ELECTROLYSIS AND METHOD FOR PRODUCING ANODE FOR ALKALINE WATER ELECTROLYSIS**
[54] **ELECTRODE POSITIVE POUR L'ELECTROLYSE D'EAU ALCALINE ET PROCEDE DE PRODUCTION D'ELECTRODE POSITIVE POUR L'ELECTROLYSE D'EAU ALCALINE**
[72] KATO, AKIHIRO, JP
[72] TSUJII, FUMIYA, JP
[72] KAMEI, YUJI, JP
[72] SHIMOMURA, IKUO, JP
[72] NAGASHIMA, IKUO, JP
[71] DE NORA PERMELEC LTD, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[25] EN
[54] **THERAPEUTIC FOR TREATMENT OF DISEASES INCLUDING THE CENTRAL NERVOUS SYSTEM**
[54] **AGENT THERAPEUTIQUE POUR LE TRAITEMENT DE MALADIES, NOTAMMENT LES MALADIES TOUCHANT LE SYSTEME NERVEUX CENTRAL**
[72] DAVIDSON, BEVERLY L., US
[72] MONTEYS, ALEJANDRO MAS, US
[72] KEISER, MEGAN S., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/022973)
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[30] US (62/367,858) 2016-07-28

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[54] **WASTE DISPOSAL DEVICE CASSETTE INTERFACE**
[54] **INTERFACE DE CASSETTE POUR DISPOSITIF D'ELIMINATION DE DECHETS**
[72] BLATTER, ALAN, US
[72] CHASEN, JAMES, US
[72] CHAKRAVARTHY, SUMANTH, US
[72] CHENVAINU, ALEXANDER, US
[72] FEDORA, JOSEPH, US
[72] SHEN, CONDOR, US
[71] EDGEWELL PERSONAL CARE BRANDS, US
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[25] EN
[54] **MULTI-LAYER CABLE SPLICE**
[54] **EPISSURE DE CABLE MULTICOUCHE**
[72] DIOP, SEYDOU, US
[72] ZELAZNY, PAUL, US
[72] BYERMAN, DIRK, US
[71] HUBBELL INCORPORATED, US
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[54] **ADMINISTRATION OF AN ANTI-LGR5 MONOCLONAL ANTIBODY**
[54] **ADMINISTRATION D'UN ANTICORPS MONOCLONAL ANTI-LGR5**
[72] REYES, CHRISTOPHER L., AU
[72] CHU, PETER, AU
[72] DOOLIN, ELIZABETH, AU
[72] IGLESIAS, JOSE, AU
[71] BIONOMICS LIMITED, AU
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[54] **METHODS, APPARATUSES, AND SYSTEMS FOR COOLING**
[54] **PROCEDES, APPAREILS, ET SYSTEMES DE REFROIDISSEMENT**
[72] SIGETY, CHARLES BIRGE, US
[72] SIGETY, KATHARINE COLYER, US
[72] DEWITT, WILLIAM JOHN, US
[71] FRESH CHILL SOLUTIONS, INC., US
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[54] **SYSTEMS AND METHODS FOR AUTOMATED ANALYSIS**
[54] **SYSTEMES ET PROCEDES POUR ANALYSE AUTOMATISEE**
[72] BRYANT, JASON E., US
[72] CASAZZA, DANIEL P., US
[72] HARRIS, DANIEL J., US
[72] PAWLOWSKI, FRANK, US
[72] TALMER, MARK, US
[72] JOHNSON, BRETT W., US
[72] NANA, SONAL SADARIA, US
[72] PATNO, TIMOTHY J., US
[72] PETERS, DAVID M., US
[72] SKINNER, JOSEPH P., US
[71] ABBOTT MOLECULAR INC., US
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[54] **COMPOSITIONS COMPRISING CHOLINE**
[54] **COMPOSITIONS COMPRENANT DE LA CHOLINE**
[72] BORTZ, JONATHAN, US
[71] BALCHEM CORPORATION, US
[85] 2018-09-17
[86] 2017-03-20 (PCT/US2017/023195)
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING SPLIT-TIMES IN A RELAY RACE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER DES TEMPS INTERMEDIAIRES DANS UNE COURSE DE RELAIS**
[72] DEANGELIS, DOUGLAS J., US
[72] EVANSEN, EDWARD G., US
[71] ISOLYNX, LLC, US
[85] 2018-09-06
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[54] **CURCUMIN-BASED COMPOSITIONS & METHODS OF USE THEREOF**
[54] **COMPOSITIONS A BASE DE CURCUMINE & LEURS PROCEDES D'UTILISATION**
[72] CAVALERI, FRANCO, CA
[71] CAVALERI, FRANCO, CA
[85] 2018-09-18
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[25] EN
[54] **SAMPLE PREPARATION CARTRIDGES AND METHODS FOR USING SAME**
[54] **CARTOUCHES DE PREPARATION D'ECHANTILLONS ET LEURS PROCEDES D'UTILISATION**
[72] YEATON, ERIC D., US
[72] HENNING, TIMOTHY P., US
[72] SKINNER, JOSEPH P., US
[72] KECK, JODY L., US
[72] DUNN, CHADWICK M., US
[72] ADDISON II, WESLEY W., US
[72] PATNO, TIMOTHY J., US
[72] NANA, SONAL SADARIA, US
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[72] LINES, AUSTIN, US
[72] HARRIS, DANIEL J., US
[71] ABBOTT MOLECULAR INC., US
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[25] EN
[54] **AN APPARATUS AND METHOD TO LOCATE, MEASURE, MONITOR, AND TREAT INFLAMMATION OF THE SKIN'S SOFT TISSUE AND FASCIA LAYERS**
[54] **APPAREIL ET PROCEDE POUR LOCALISER, MESURER, SURVEILLER ET TRAITER UNE INFLAMMATION DES COUCHES DE TISSU MOU ET DE FASCIA DE LA PEAU**
[72] COWIE, JOCELYN WALKER, CA
[71] ASSESSX TECHNOLOGY LTD., CA
[85] 2018-09-18
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[54] **RAZOR CARTRIDGE**
[54] **CARTOUCHE DE RASOIR**
[72] ZUCKER, SHLOMO, US
[71] PERSONAL CARE MARKETING AND RESEARCH, INC., US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/023078)
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[54] **TRANSGENIC PLANTS WITH ENHANCED TRAITS**
[54] **PLANTES TRANSGENIQUES PRESENTANT DES CARACTERISTIQUES AMELIOREES**
[72] ALLEN, EDWARDS M., US
[72] DARVEAUX, BETTINA, US
[72] DUFF, STEPHEN M., US
[72] FERNANDES, MARY, US
[72] GOLDMAN, BARRY S., US
[72] GRIFFITH, CARA L., US
[72] KARUNANANDAA, BALASULOJINI, US
[72] KURIAKOSE, SARITHA V., US
[72] LOIDA, PAUL J., US
[72] LUTFIYYA, LINDA L., US
[72] MEISTER, ROBERT J., US
[72] RAJANI, MONNANDA S., US
[72] RAMACHANDRA, DHANALAKSHMI, US
[72] RICE, ELENA A., US
[72] RUZICKA, DANIEL, US
[72] SANT, ANAGHA M., US
[72] SCHMUKE, JON J., US
[72] THOMPSON, REBECCA L., US
[72] VENKATACHALAYYA, SRIKANTH BABU, US
[72] VENKATESH, TYAMAGONDLU V., US
[72] WANG, HUAI, US
[72] YANG, XIAO, US
[72] ZENG, QIN, US
[72] ZHAO, JIANMIN, US
[71] MONSANTO TECHNOLOGY LLC, US
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[25] FR
[54] **LITHIUM METAL POLYMER BATTERY HAVING A HIGH ENERGY DENSITY**
[54] **BATTERIE LITHIUM METAL POLYMERE A HAUTE DENSITE D'ENERGIE**
[72] BOUCHET, RENAUD, FR
[72] DESCHAMPS, MARC, FR
[71] BLUE SOLUTIONS, FR
[71] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR
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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 17/00 (2016.01) G01R 31/00 (2006.01) G01R 31/28 (2006.01)**
[25] EN
[54] **CONDITION MONITORING AND CONTROLLING OF HEATING ELEMENTS IN WIND TURBINES**
[54] **CONTROLE DE CONDITION ET COMMANDE D'ELEMENTS CHAUFFANTS DANS DES TURBINES EOLIENNES**
[72] BUGGY, STEPHEN, GB
[71] VESTAS WIND SYSTEMS A/S, DK
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[87] (WO2017/167347)
[30] DK (PA 2016 70181) 2016-03-31

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[51] **Int.Cl. H02M 3/156 (2006.01) H02M 3/158 (2006.01)**
[25] EN
[54] **CONVERTER DEVICE AND METHOD TO OPERATE SAID CONVERTER DEVICE**
[54] **DISPOSITIF DE CONVERTISSEUR ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF DE CONVERTISSEUR**
[72] JAIN, PARTH, CA
[72] PRODIC, ALEKSANDAR, CA
[72] GERFER, ALEXANDER, DE
[71] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
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[25] EN
[54] **PUSH-TO-CONNECT FITTING DEVICE, ARRANGEMENT AND METHOD**
[54] **DISPOSITIF, AGENCEMENT ET PROCEDE DE RACCORD INSTANTANE**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO OCHOA, US
[72] BOUCHARD, HERBERT J., US
[71] QUICK FITTING, INC., US
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[54] **METHOD AND APPARATUS FOR ENERGY CONVERSION**
[54] **PROCEDE ET APPAREIL DE CONVERSION D'ENERGIE**
[72] ROSENSTROM, EERIN, FI
[71] ROSENSTROM, EERIN, FI
[85] 2018-09-18
[86] 2017-03-21 (PCT/FI2017/000005)
[87] (WO2017/162907)
[30] FI (20160069) 2016-03-21

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[25] EN
[54] **CHEMICAL MONITORING DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE CHIMIQUE**
[72] MILLER, JUSTIN, US
[72] JANES, MARK, US
[72] KENNEDY, JOSH, US
[72] EKLUND, SCOTT, US
[71] CONNECTEDYARD, INC., US
[85] 2018-09-17
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[54] **A CONSTRUCTION SYSTEM**
[54] **SYSTEME DE CONSTRUCTION**
[72] GLAVIN, PAUL, IE
[71] GLAVLOC BUILD SYSTEMS LIMITED, IE
[85] 2018-09-18
[86] 2017-03-15 (PCT/EP2017/056154)
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[51] **Int.Cl. C09K 8/42 (2006.01) C09K 8/50 (2006.01) E21B 33/13 (2006.01) E21B 41/00 (2006.01)**
[25] FR
[54] **METHOD FOR TREATING THE AREA SURROUNDING A WELL USING AN AQUEOUS GELLING SOLUTION COMPRISING AN ALKALINE POTASSIUM SILICATE SOLUTION AND AN ACETIC ACID**
[54] **PROCEDE DE TRAITEMENT DES ABORDS D'UN PUITS AU MOYEN D'UNE SOLUTION AQUEUSE GELIFIANTE COMPRENANT UNE SOLUTION ALCALINE DE SILICATE DE POTASSIUM ET UN ACIDE ACETIQUE**
[72] SISSMANN, OLIVIER, FR
[72] FLEURY, MARC, FR
[72] CHARDIN, MICHEL, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-09-18
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[51] **Int.Cl. E01C 13/08 (2006.01) E04D 7/00 (2006.01) E04D 13/16 (2006.01)**
[25] EN
[54] **BALLAST SYSTEM FOR ROOF PROTECTION**
[54] **SYSTEME DE LEST POUR PROTECTION DE TOIT**
[72] COOLEY, BRADFORD H., US
[71] WATERSHED GEOSYNTHETICS LLC, US
[85] 2018-09-17
[86] 2017-03-16 (PCT/US2017/022687)
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[54] **MOLECULAR ORIGIN OF ALLERGY**
[54] **ORIGINE MOLECULAIRE D'ALLERGIE**
[72] BIHAIN, BERNARD, FR
[72] OGIER, VIRGINIE, FR
[72] BRULLIARD, MARIE, FR
[72] JACQUENET, SANDRINE, FR
[72] THOUVENOT, BENOIT, FR
[72] ROITEL, OLIVIER, FR
[71] GENCLIS, FR
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[54] **INDOLIZINE DERIVATIVES, COMPOSITION AND METHODS OF USE**
[54] **DERIVES D'INDOLIZINE, COMPOSITION ET METHODES D'UTILISATION**
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[72] ZHAO, XINGDONG, CN
[72] YU, CHUILIANG, CN
[72] TAN, HAOHAN, CN
[72] WANG, XIANLONG, CN
[72] TAN, RUI, CN
[72] LIU, BIN, CN
[72] ZHANG, WEIPENG, CN
[72] ZHANG, HUAJIE, CN
[72] LIU, QIHONG, CN
[72] ZHOU, ZUWEN, CN
[72] LI, ZHIFU, CN
[72] RONG, YUE, CN
[72] SUN, JING, CN
[72] WANG, WEIBO, US
[71] SHANGHAI FOCHON PHARMACEUTICAL CO., LTD., CN
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[51] **Int.Cl. A61L 27/18 (2006.01) B33Y 70/00 (2015.01) B33Y 80/00 (2015.01) A61F 2/28 (2006.01) A61L 27/20 (2006.01) A61L 27/22 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) A61L 27/56 (2006.01) B06B 1/04 (2006.01) B29C 67/00 (2017.01)**
[25] EN
[54] **COMPOSITE MEDICAL GRAFTS AND METHODS OF USE AND MANUFACTURE**
[54] **GREFFONS MEDICAUX COMPOSITES ET PROCEDES D'UTILISATION ET DE FABRICATION**
[72] STEVENS, PETER J., US
[72] STILWELL, REGINALD, US
[72] SOUTHARD, MATTHEW, US
[72] SAMANIEGO, ADRIAN C., US
[72] MANUELE, CHARLES, US
[71] ALLOSOURCE, US
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[51] **Int.Cl. H01L 29/06 (2006.01) B82B 3/00 (2006.01)**
[25] EN
[54] **BOTTOM-UP METHOD FOR FORMING WIRE STRUCTURES UPON A SUBSTRATE**
[54] **PROCEDE DE BAS EN HAUT DE FORMATION DE STRUCTURES DE CABLES SUR UN SUBSTRAT**
[72] GRANEK, FILIP, PL
[72] ROZYNEK, ZBIGNIEW, PL
[71] XTPL S.A., PL
[85] 2018-09-18
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[30] GB (1604818.3) 2016-03-22

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[51] **Int.Cl. C07B 35/08 (2006.01) C07C 51/09 (2006.01) C07C 57/04 (2006.01)**
[25] EN
[54] **ACRYLIC ACID, AND METHODS OF PRODUCING THEREOF**
[54] **ACIDE ACRYLIQUE ET PROCEDES DE PRODUCTION DE CEUX-CI**
[72] SOOKRAJ, SADESH H., US
[72] TSEITLIN, ALEXANDER, US
[71] NOVOMER, INC., US
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[54] **COMPOSITE MEDICAL GRAFTS AND METHODS OF USE AND MANUFACTURE**
[54] **GREFFONS MEDICAUX COMPOSITES ET PROCEDES D'UTILISATION ET DE FABRICATION**
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[72] STILWELL, REGINALD, US
[72] SOUTHARD, MATTHEW JAMES, US
[72] SAMANIEGO, ADRIAN C., US
[71] ALLOSOURCE, US
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[54] **METHOD, SPINNERET AND SYSTEM FOR FABRICATING MULTILAYER MEMBRANES**
[54] **PROCEDE, FILIERE ET SYSTEME DE FABRICATION DE MEMBRANES MULTICOUCHES**
[72] BOS, MENNO, DE
[72] HEIJNEN, MARTIN, DE
[72] WIDJOJO, NATALIA, SG
[71] BASF SE, DE
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[54] **COMPACT NOISE ENCAPSULATION FOR MOBILE PROCESSING DEVICES**
[54] **ENCAPSULATION DE BRUIT COMPACTE POUR DISPOSITIFS DE TRAITEMENT MOBILES**
[72] VIITALA, JYRKI, FI
[72] TUOKKO, TUOMAS, FI
[72] TAKANIEMI, MIKKO, FI
[72] HEIKKILA, JUHAMATTI, FI
[71] METSO MINERALS, INC., FI
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[51] **Int.Cl. C07K 16/36 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES AGAINST THE ACTIVE SITE OF FACTOR XI AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX CONTRE LE SITE ACTIF DU FACTEUR XI ET LEURS UTILISATIONS**
[72] BOROSS, PETER, NL
[72] YILDIZ, CAFER, NL
[72] HACK, CORNELIS ERIK, NL
[71] PROTHIX BV, NL
[85] 2018-09-18
[86] 2017-03-23 (PCT/EP2017/056924)
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[54] **SUBCELLULAR LOCALIZATION OF TARGET ANALYTES**
[54] **LOCALISATION SOUS-CELLULAIRE D'ANALYTES CIBLES**
[72] BRITTAIN, GEORGE, US
[72] GULNIK, SERGEI, US
[71] BECKMAN COULTER, INC., US
[85] 2018-09-17
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[54] **MUTANT BORDETELLA STRAINS AND METHODS OF USE**
[54] **SOUCHES MUTANTES DE BORDETELLA ET PROCEDES D'UTILISATION**
[72] SOLANS, LUIS, FR
[72] LOCHT, CAMILLE, FR
[72] TSICOPOULOS, ANNE, FR
[72] AIT YAHIA SENDID, SALIHA, FR
[71] INSTITUT PASTEUR DE LILLE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2018-09-18
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[54] **SOLID OXIDE FUEL CELLS WITH CATHODE FUNCTIONAL LAYERS**
[54] **PILES A COMBUSTIBLE A OXYDE SOLIDE COMPRENANT DES COUCHES FONCTIONNELLES CATHODIQUES**
[72] PAN, KE-JI, US
[72] ABDUL JABBAR, MOHAMMED HUSSAIN, US
[72] DING, DONG, US
[72] WACHSMAN, ERIC, US
[71] REDOX POWER SYSTEMS, LLC, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2018-09-17
[86] 2017-03-17 (PCT/US2017/022884)
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[54] **MULTI-FUNCTIONAL CHEMICAL AGENTS, AND THE METHOD FOR PROTEIN MODIFICATION**
[54] **AGENTS CHIMIQUES MULTIFONCTIONNELS ET PROCEDE DE MODIFICATION DE PROTEINES**
[72] RAI, VISHAL, IN
[72] ADUSUMALLI, SRINIVASA RAO, IN
[71] DEPARTMENT OF BIOTECHNOLOGY, IN
[71] INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL, IN
[85] 2018-09-06
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[25] EN
[54] **AN ANTIMICROBIAL COMPOSITION COMPRISING THYMOL, TERPINEOL AND A CATIONIC PHOSPHOLIPID**
[54] **COMPOSITION ANTIMICROBIENNE COMPRENANT DU THYMOL, DU TERPINEOL ET UN PHOSPHOLIPIDE CATIONIQUE**
[72] DASGUPTA, ANINDYA, IN
[72] GU, QIONG, CN
[72] HERMANSON, KEVIN DAVID, US
[72] MOADDEL, TEANOOSH, US
[72] SALGAONKAR, NEHA, IN
[72] SHEN, BO, CN
[72] QIU, QIANG, US
[71] UNILEVER PLC, GB
[85] 2018-09-18
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[25] EN
[54] **METHODS OF TREATMENT OF CHOLESTATIC DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES CHOLESTATIQUES**
[72] HANF, REMY, FR
[71] GENFIT, FR
[85] 2018-09-18
[86] 2017-03-30 (PCT/EP2017/057634)
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[25] EN
[54] **NON-INVASIVE DIAGNOSTIC OF NON-ALCOHOLIC STEATOHEPATITIS**
[54] **DIAGNOSTIC NON INVASIF DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE**
[72] DARTEIL, RAPHAEL, FR
[72] CORDONNIER, GENEVIEVE, FR
[72] BROZEK, JOHN, FR
[72] PRACA, EMILIE, FR
[72] BEN SUDRIK, FOUAD, FR
[71] GENFIT, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING SUPERABSORBENT POLYMERS**
[54] **SYSTEMES ET PROCEDES DESTINES A LA PRODUCTION DE POLYMERES SUPERABSORBANTS**
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
[85] 2018-09-17
[86] 2017-03-21 (PCT/US2017/023303)
[87] (WO2017/165345)
[30] US (62/311,275) 2016-03-21

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[25] EN
[54] **COPOLYMERS COMPRISING POLYALKYLENE OXIDE GROUPS AND QUATERNARY NITROGEN ATOMS**
[54] **COPOLYMERES COMPRENANT DES GROUPES POLY(OXYDE D'ALKYLENE) ET DES ATOMES D'AZOTE QUATERNAIRES**
[72] FLORES-FIGUEROA, AARON, DE
[72] RUEBENACKER, MARTIN, DE
[72] DOBRAWA, RAINER, DE
[72] BRYM, MARKUS WILLI KONRAD, DE
[72] BOECKH, DIETER, DE
[72] HUELSKOETTER, FRANK, US
[72] WARD, GLENN, US
[72] GOODWIN, JAMES, US
[72] CUTHBERTSON, MELISSA, US
[72] SCIALLA, STEFANO, US
[71] BASF SE, DE
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[54] **DREDGING APPARATUS AND METHOD OF DREDGING**
[54] **APPAREIL DE DRAGAGE ET PROCEDE DE DRAGAGE**
[72] WORMALD, DANIEL J., GB
[71] WORMALD, DANIEL J., GB
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[54] **DISPOSITF D'ENTRAINEMENT EN TRANSLATION D'UN ORGANE DE RACLAGE**
[54] **DEVICE FOR TRANSLATIONAL DRIVING OF A SCRAPING MEMBER**
[72] MARIE, VINCENT, FR
[71] MARIE, VINCENT, FR
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[54] **VACCIN CONTRE LE RSV**
[72] LANGEDIJK, JOHANNES PETRUS MARIA, NL
[72] VERHAGEN, JANNEKE M., NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2018-09-18
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[51] **Int.Cl. H02J 1/00 (2006.01) H02J 1/14 (2006.01)**
[25] EN
[54] **DIRECT CURRENT POWER GRID VOLTAGE CONTROL METHOD**
[54] **PROCEDE DE COMMANDE DE TENSION DE RESEAU ELECTRIQUE EN COURANT CONTINU**
[72] DING, JIUDONG, CN
[72] LU, YU, CN
[72] DONG, YUNLONG, CN
[72] LI, GANG, CN
[72] HU, ZHAOQING, CN
[71] NR ELECTRIC CO., LTD., CN
[71] NR ENGINEERING CO., LTD, CN
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[30] CN (201610190067.5) 2016-03-30

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[54] **OUTIL DE COUPE ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] TURNER, LOUIS, GB
[72] WHITE, MALCOLM, GB
[72] SWAIN, SANDRA MAY, GB
[72] BURN, PATRICK, GB
[72] MORRIS, STEVEN, GB
[71] CREO MEDICAL LIMITED, GB
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[54] **DATA IN MOTION STORAGE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MEMORISATION DE DONNEES EN MOUVEMENT**
[72] DAMAGHI, DANIEL M., US
[72] HARLEV, OHAD, US
[72] LITVIN, ARIEL, US
[72] WILLNER, ALAN ELI, US
[72] BARAK, NAFTALY, IL
[72] MCMANAMON, PAUL FRANCIS, US
[72] MCGUFFIN, ASHER, US
[71] LYTELOOP TECHNOLOGIES, LLC, US
[85] 2018-09-17
[86] 2017-03-21 (PCT/US2017/023431)
[87] (WO2017/165429)
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[25] EN
[54] **DEVICE FOR MAKING AVAILABLE ABSORBENT SAMPLE CARRIERS HAVING A QUANTITY OF DRIED LIQUID, IN PARTICULAR BLOOD**
[54] **DISPOSITIF DE PREPARATION DE PORTE-ECHANTILLONS ABSORBANTS COMPRENANT UNE QUANTITE DE LIQUIDE SECHEE, EN PARTICULIER DU SANG**
[72] SCHUSTER, RAINER, DE
[71] SARSTEDT AKTIENGESELLSCHAFT & CO. KG, DE
[85] 2018-09-18
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[72] OLAH, TAMAS, HU
[72] TOTH, ZOLTAN MARTON, HU
[71] INNOMASK TECHNOLOGIES KFT., HU
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[25] EN
[54] **METHOD OF TREATING TRIPLE NEGATIVE BREAST CANCER**
[54] **METHODE DE TRAITEMENT D'UN CANCER DU SEIN TRIPLE NEGATIF**
[72] REDMOND, H. PAUL, IE
[72] PFIRRMANN, ROLF W., CH
[71] GEISTLICH PHARMA AG, CH
[85] 2018-09-18
[86] 2017-03-17 (PCT/IB2017/051570)
[87] (WO2017/158570)
[30] US (62/310,275) 2016-03-18

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[51] **Int.Cl. A61F 7/00 (2006.01) A45D 44/00 (2006.01) A61K 8/02 (2006.01) A61K 9/70 (2006.01)**
[25] EN
[54] **ARRAY OF CUTANEOUS PATCHES FOR DELIVERY AND HEATING OF PERSONAL CARE PRODUCTS**
[54] **RESEAU DE TIMBRES CUTANES POUR LA DISTRIBUTION ET LE CHAUFFAGE DE PRODUITS D'HYGIENE PERSONNELLE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
[85] 2018-09-17
[86] 2017-03-22 (PCT/US2017/023507)
[87] (WO2017/165472)
[30] US (15/076,791) 2016-03-22

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[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/7028 (2006.01) A61K 36/31 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **S-METHYLCYSTEINE SULFOXIDE FOR PROSTATE CANCER PREVENTION AND TREATMENT**
[54] **S-METHYLCYSTEINE SULFOXYDE SERVANT A LA PREVENTION ET LE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] MITHEN, RICHARD, GB
[72] MELCHINI, ANTONIETTA, GB
[72] TRAKA, MARIA, GB
[71] QUADRAM INSTITUTE BIOSCIENCE, GB
[85] 2018-09-18
[86] 2017-03-24 (PCT/GB2017/050838)
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[30] GB (1605013.0) 2016-03-24

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[25] EN
[54] **GEOMETRICALLY COMPLEX INTRAVAGINAL RINGS, SYSTEMS AND METHODS OF MAKING THE SAME**
[54] **ANNEAUX VAGINAUX A GEOMETRIE COMPLEXE, ET SYSTEMES ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] BENHABBOUR, SOUMYA RAHIMA, US
[72] JANUSZIEWICZ, RIMA, US
[72] MECHAM, SUE J., US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2018-09-17
[86] 2017-03-23 (PCT/US2017/023777)
[87] (WO2017/165624)
[30] US (62/312,268) 2016-03-23

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[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **INJECTION MOLDING MACHINE NOZZLE**
[54] **BUSE DE MACHINE DE MOULAGE PAR INJECTION**
[72] YASUDA, MASAHIRO, JP
[72] JIANG, QINYAO, JP
[72] HOSAKA, TETSURO, JP
[72] TSUKADA, SHUNSUKE, JP
[72] KINOSHITA, YUJI, JP
[71] HONDA MOTOR CO., LTD., JP
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[30] JP (2016-056090) 2016-03-18

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[51] **Int.Cl. A01N 43/04 (2006.01) A61N 1/362 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **CANCER TREATMENT BASED ON DELIVERY OF OLIGOES VIA GAP JUNCTIONS FROM HUMAN MESENCHYMAL STEM CELLS (HMSC)**
[54] **TRAITEMENT DU CANCER BASE SUR L'ADMINISTRATION D'OLIGONUCLEOTIDES PAR L'INTERMEDIAIRE DE JONCTIONS LACUNAIRES PROVENANT DE CELLULES SOUCHES MESENCHYMATEUSES HUMAINES (HMSC)**
[72] COHEN, IRA S., US
[72] BRINK, PETER R., US
[72] ROSEN, MICHAEL R., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-09-17
[86] 2017-03-23 (PCT/US2017/023803)
[87] (WO2017/165641)
[30] US (62/312,230) 2016-03-23

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[51] **Int.Cl. C08L 13/02 (2006.01) C08K 3/00 (2018.01) C08L 101/00 (2006.01) C09K 3/14 (2006.01) F16D 13/62 (2006.01) F16D 69/02 (2006.01)**
[25] EN
[54] **LATEX AND FRICTION MATERIAL**
[54] **LATEX, ET MATERIAU DE FRICTION**
[72] INOUE, SAYAKA, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-18
[86] 2017-03-16 (PCT/JP2017/010737)
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[30] JP (2016-058343) 2016-03-23

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[51] **Int.Cl. A61L 27/20 (2006.01) A61K 47/02 (2006.01) A61L 26/00 (2006.01) A61P 19/00 (2006.01) A61K 31/734 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING INTERVERTEBRAL DISC**
[54] **COMPOSITION POUR LE TRAITEMENT D'UN DISQUE INTERVERTEBRAL**
[72] SUDO, HIDEKI, JP
[72] TSUJIMOTO, TAKERU, JP
[72] IWASAKI, NORIMASA, JP
[72] SHIMIZU, SATOSHI, JP
[72] ISAJI, MITSUKO, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2018-09-18
[86] 2017-01-27 (PCT/JP2017/002925)
[87] (WO2017/163603)
[30] JP (2016-058396) 2016-03-23

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[25] EN
[54] **ARTICLE COMPRISING AN ANTIOXIDIZING AGENT AND A BACTERIOSTATIC AGENT AND A PRODUCTION PROCESS THEREOF**
[54] **ARTICLE COMPRENANT UN AGENT ANTIOXYDANT ET UN AGENT BACTERIOSTATIQUE ET SON PROCEDE DE PRODUCTION**
[72] ROVERI, NORBERTO, IT
[72] LELLI, MARCO, IT
[72] MASETTI, MASSIMO, IT
[72] PETRAROIA, SANDRA, IT
[71] BIO ECO ACTIVE S.R.L., IT
[85] 2018-09-18
[86] 2017-03-30 (PCT/IB2017/051816)
[87] (WO2017/168357)
[30] IT (102016000033262) 2016-03-31

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCERS**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT ET/OU LA PREVENTION DU CANCER**
[72] FUJITA, TAKAYUKI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-18
[86] 2017-03-27 (PCT/JP2017/012263)
[87] (WO2017/170334)
[30] JP (2016-064033) 2016-03-28

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[51] **Int.Cl. A61K 31/497 (2006.01) A61K 31/706 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 405/14 (2006.01) C07H 19/12 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF ACUTE MYELOID LEUKEMIA**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE LA LEUCEMIE MYELOIDE AIGUE**
[72] BAHCECI, ERKUT, US
[72] YAMAKI, YOKO, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2018-09-18
[86] 2017-03-27 (PCT/JP2017/012293)
[87] (WO2017/170348)
[30] US (62/314700) 2016-03-29
[30] US (62/368343) 2016-07-29

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CREATING A SEQUENCE USED FOR COMMUNICATING INFORMATION ASSOCIATED WITH AN APPLICATION**
[54] **PROCEDE ET SYSTEME POUR CREER UNE SEQUENCE UTILISEE POUR COMMUNIQUER DES INFORMATIONS ASSOCIEES A UNE APPLICATION**
[72] AUDANT, PASCAL, CA
[72] AUDANT, LIONEL, CA
[71] UNIMA LOGICIEL INC., CA
[85] 2018-09-18
[86] 2017-04-04 (PCT/IB2017/051924)
[87] (WO2017/175135)
[30] US (62/317,697) 2016-04-04

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[51] **Int.Cl. A21D 13/00 (2017.01) A21D 6/00 (2006.01)**
[25] FR
[54] **PROCESS FOR CUSTOMISING THE FLAVOUR OF BREADS OR PASTRIES**
[54] **PROCEDE DE PERSONNALISATION DU GOUT DE PAINS OU DE VIENNOISERIES**
[72] BRYCKAERT, EMILIE, FR
[72] DELCHAMBRE, FLORENCE, FR
[72] DUPUY-CORNUAILLE, CAMILLE, FR
[72] MEILLIER, STEPHANE, FR
[71] LESAFFRE ET COMPAGNIE, FR
[85] 2018-09-17
[86] 2017-03-30 (PCT/FR2017/050731)
[87] (WO2017/168098)
[30] FR (16 52812) 2016-03-31

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[51] **Int.Cl. B27M 1/08 (2006.01) B23Q 39/04 (2006.01) B23Q 41/02 (2006.01)**
[25] EN
[54] **WOOD DOOR SLAB PROCESSING SYSTEM, AND RELATED METHODS**
[54] **SYSTEME DE TRAITEMENT DE PANNEAU DE PORTE EN BOIS ET PROCEDES ASSOCIES**
[72] MARTINEZ, ERIC L., US
[72] PIASENTIN, MIRKO, IT
[72] VARELLI, JASON, US
[71] MASONITE CORPORATION, US
[85] 2018-09-17
[86] 2017-03-24 (PCT/US2017/023972)
[87] (WO2017/165735)
[30] US (62/312,896) 2016-03-24
[30] US (62/425,801) 2016-11-23

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[25] EN
[54] **FOGGING PREVENTION FOR SURGICAL CONTACT LENSES**
[54] **PREVENTION DE LA FORMATION DE BUEE POUR LENTILLES DE CONTACT CHIRURGICALES**
[72] CHARLES, STEVEN T., US
[71] NOVARTIS AG, CH
[85] 2018-09-18
[86] 2017-04-27 (PCT/IB2017/052455)
[87] (WO2017/191538)
[30] US (62/332,093) 2016-05-05

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[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING FORMATION PROPERTIES AND PIPE PROPERTIES USING RANGING MEASUREMENTS**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER DES PROPRIETES DE FORMATION ET DES PROPRIETES DE TUYAU A L'AIDE DE MESURES DE TELEMETRIE**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-17
[86] 2016-04-25 (PCT/US2016/029148)
[87] (WO2017/188921)

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/54 (2006.01)**
[25] EN
[54] **NB-CONTAINING FERRITIC STAINLESS STEEL SHEET AND MANUFACTURING METHOD THEREFOR**
[54] **TOLE D'ACIER INOXYDABLE FERRITIQUE CONTENANT DU NIOBIUM ET SON PROCEDE DE FABRICATION**
[72] YAKUSHIJIN, YUTAKA, JP
[72] HIRONAKA, AKIRA, JP
[72] IMAKAWA, KAZUNARI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-09-18
[86] 2017-03-28 (PCT/JP2017/012762)
[87] (WO2017/170611)
[30] JP (2016-067079) 2016-03-30

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[51] **Int.Cl. B61H 1/00 (2006.01) B61H 13/34 (2006.01) F16D 65/06 (2006.01)**
[25] EN
[54] **DEBRIS ERADICATING BRAKE HEAD FOR A TRUCK MOUNTED BRAKE SYSTEM**
[54] **TETE DE FREIN A ELIMINATION DE DEBRIS POUR UN SYSTEME DE FREINAGE MONTE SUR CAMION**
[72] KOZIOL, MICHAEL, US
[72] NATSCHKE, SCOTT LEE, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2018-09-18
[86] 2016-11-16 (PCT/US2016/062231)
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[30] US (15/151,724) 2016-05-11

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[25] EN
[54] **POROUS FIBER, ADSORBENT MATERIAL, AND PURIFICATION COLUMN**
[54] **FIBRE POREUSE, MATERIAU ABSORBANT ET COLONNE DE PURIFICATION**
[72] FUJIEDA, HIROAKI, JP
[72] UENO, YOSHIYUKI, JP
[72] TANAKA, KAZUMI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-18
[86] 2017-04-20 (PCT/JP2017/015863)
[87] (WO2017/188110)
[30] JP (2016-089682) 2016-04-27

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[51] **Int.Cl. F24F 13/24 (2006.01) G10K 11/168 (2006.01) G10K 11/172 (2006.01)**
[25] EN
[54] **ACOUSTIC METAMATERIAL NOISE CONTROL METHOD AND APPARATUS FOR DUCTED SYSTEMS**
[54] **PROCEDE ET APPAREIL DE REGULATION ACOUSTIQUE DE BRUIT EN METAMATERIAU POUR SYSTEMES CARENES**
[72] MATHUR, GOPAL, US
[71] ACOUSTIC METAMATERIALS, INC., US
[85] 2018-09-17
[86] 2016-12-21 (PCT/US2016/067920)
[87] (WO2017/160364)
[30] US (15/069,147) 2016-03-14

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[51] **Int.Cl. H04B 7/185 (2006.01) H04W 40/12 (2009.01)**
[25] EN
[54] **ADMISSION CONTROL SYSTEM FOR SATELLITE-BASED INTERNET ACCESS AND TRANSPORT**
[54] **SYSTEME DE CONTROLE D'ADMISSION POUR UN ACCES ET UN TRANSPORT INTERNET PAR SATELLITE**
[72] CORSON, MATHEW SCOTT, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2018-09-17
[86] 2017-03-24 (PCT/US2017/024036)
[87] (WO2017/165780)
[30] US (62/312,969) 2016-03-24
[30] US (15/468,774) 2017-03-24

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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR NEUROPROTECTIVE THERAPY FOR GLAUCOMA**
[54] **SYSTEME ET PROCEDE POUR UNE THERAPIE NEUROPROTECTRICE POUR LE GLAUCOME**
[72] LUTTRULL, JEFFREY K., US
[72] MARGOLIS, BENJAMIN W. L., US
[72] CHANG, DAVID B., US
[71] OJAI RETINAL TECHNOLOGY, LLC, US
[85] 2018-09-18
[86] 2016-11-17 (PCT/US2016/062421)
[87] (WO2017/192168)
[30] US (15/148,842) 2016-05-06
[30] US (15/188,608) 2016-06-21
[30] US (15/232,320) 2016-08-09

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[51] **Int.Cl. C09D 7/00 (2018.01)**
[25] EN
[54] **COATING COMPOSITIONS, ELASTIC BARRIER COATINGS FORMED THEREFROM, AND METHODS OF APPLYING SUCH COATINGS**
[54] **COMPOSITIONS DE REVETEMENT, REVETEMENTS DE BARRIERE ELASTIQUE FORMES A PARTIR DE CELLES-CI ET PROCEDES D'APPLICATION DE CES REVETEMENTS**
[72] MARTIN, ROXALANA, US
[72] FALER, DENNIS L., US
[72] JORDAN, JENNIFER TAMAKI, US
[72] BOWMAN, MARK P., US
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] ZHOU, HONGYING, US
[72] TUCKER, MARK A., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-09-17
[86] 2017-01-18 (PCT/US2017/013913)
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[51] **Int.Cl. B05D 7/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER COATINGS AND METHODS OF PREPARING THE SAME**
[54] **REVETEMENTS MULTICOUCHE ET PROCEDES DE PREPARATION CORRESPONDANTS**
[72] XU, XIANGLING, US
[72] SADVARY, RICHARD J., US
[72] SWARUP, SHANTI, US
[72] ZHOU, HONGYING, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-09-17
[86] 2017-01-19 (PCT/US2017/014062)
[87] (WO2017/160398)
[30] US (62/310,228) 2016-03-18

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[51] **Int.Cl. C08G 8/28 (2006.01) C08J 5/24 (2006.01) C09J 11/06 (2006.01) C09J 201/00 (2006.01) H01L 23/29 (2006.01) H01L 23/31 (2006.01) H05K 1/03 (2006.01)**
[25] EN
[54] **CYANIC ACID ESTER COMPOUND, METHOD FOR PRODUCING SAME, RESIN COMPOSITION, CURED PRODUCT, PREPREG,MATERIAL FOR ENCAPSULATION, FIBER-REINFORCED COMPOSITE MATERIAL, ADHESIVE, METAL FOIL-CLAD LAMINATE, RESIN SHEET, AND PRINTED CIRCUIT BOARD**
[54] **COMPOSE D'ESTER D'ACIDE CYANIQUE ET SON PROCEDE DE PRODUCTION, COMPOSITION DE RESINE, ARTICLE DURCI, PREIMPREGNE, MATERIAU D'ETANCHEITE, MATERIAU COMPOSITE RENFORCE PAR DES FIBRES, AGENT ADHESIF, PLAQUE STRATIFIEE REVETUE D'UNE FEUILLE METALLIQUE, FEUILLE DE RESINE ET CARTE DE CIRCUIT IMPRIME**
[72] KOGA, SHOTA, JP
[72] TAKANO, KENTARO, JP
[72] KATAGIRI, MASAYUKI, JP
[72] YASUDA, YOSHIHIRO, JP
[72] TSUJIMOTO, TOMOO, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2018-09-18
[86] 2017-03-27 (PCT/JP2017/012347)
[87] (WO2017/170375)
[30] JP (2016-070165) 2016-03-31
[30] JP (2016-070166) 2016-03-31
[30] JP (2016-070167) 2016-03-31

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[51] **Int.Cl. E21B 33/047 (2006.01) E21B 41/08 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **SUBSEA MULTIBORE DRILLING & COMPLETION SYSTEM**
[54] **SYSTEME DE FORAGE ET DE COMPLETION DE MULTIPLES TROUS SOUS-MARINS**
[72] NG, HOONG MAN, SG
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2018-09-18
[86] 2017-01-20 (PCT/US2017/014425)
[87] (WO2017/127740)
[30] US (15/002,754) 2016-01-21

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/15 (2006.01)**
[25] EN
[54] **CANNULA WITH LIGHT-EMITTING OPTICAL FIBER**
[54] **CANULE DOTEE D'UNE FIBRE OPTIQUE EMETTANT DE LA LUMIERE**
[72] ISAACSON, S. RAY, US
[72] SONDEREGGER, RALPH L., US
[72] BURKHOLZ, JONATHAN KARL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-09-18
[86] 2017-03-17 (PCT/US2017/022928)
[87] (WO2017/172385)
[30] US (62/314,258) 2016-03-28
[30] US (15/461,354) 2017-03-16

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRE-TRANSACTION INSTALLMENT PAYMENT SOLUTION AND SIMULATION OF INSTALLMENT**
[54] **PROCEDE ET SYSTEME DE SOLUTION DE PAIEMENT DE VERSEMENT DE PRETRANSACTION ET SIMULATION DE VERSEMENT**
[72] ABELA, RUTH ELIZABETH, GB
[72] STEENBEEK, DOMINIQUE, BE
[72] LIBUS, ANNA ELIZAVETA, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-09-17
[86] 2017-02-14 (PCT/US2017/017783)
[87] (WO2017/160441)
[30] US (15/074,199) 2016-03-18

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[51] **Int.Cl. H05K 9/00 (2006.01) A61N 1/16 (2006.01) B32B 3/30 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC CONTAMINATION NEUTRALIZATION COMPOSITION, DEVICE, AND METHOD**
[54] **PROCEDE, DISPOSITIF ET COMPOSITION DE NEUTRALISATION DE CONTAMINATION ELECTROMAGNETIQUE**
[72] MACHADO, JOSE, US
[71] NOXTAK CORP., US
[85] 2018-09-17
[86] 2017-03-24 (PCT/US2017/024078)
[87] (WO2017/165804)
[30] US (15/080,227) 2016-03-24

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[51] **Int.Cl. H01M 4/86 (2006.01) H01M 8/1213 (2016.01) H01M 8/1246 (2016.01) H01M 4/90 (2006.01) H01M 8/12 (2016.01)**
[25] EN
[54] **ALTERNATIVE ANODE MATERIAL FOR SOLID OXIDE FUEL CELLS**
[54] **MATERIAU DE REMPLACEMENT POUR ANODE DE PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] PAN, KE-JI, US
[72] WACHSMAN, ERIC D., US
[72] ABDUL JABBAR, MOHAMMED HUSSAIN, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2018-09-18
[86] 2017-03-17 (PCT/US2017/023063)
[87] (WO2017/161332)
[30] US (62/310,371) 2016-03-18

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[25] EN
[54] **UPLINK TRANSMIT POWER CONTROL AFTER BEAM CHANGE**
[54] **COMMANDE DE PUISSANCE DE TRANSMISSION DE LIAISON MONTANTE APRES UN CHANGEMENT DE FAISCEAU**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-17
[86] 2017-03-27 (PCT/US2017/024261)
[87] (WO2017/189140)
[30] US (62/329,189) 2016-04-28
[30] US (15/355,647) 2016-11-18

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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 33/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **ACTUATION CONFIGURATION AND METHOD**
[54] **PROCEDE ET CONFIGURATION D'ACTIONNEMENT**
[72] MATHEW, THOMAS, US
[72] RAPIN, EDWARD A., US
[72] GORDON, SHAELYN, US
[72] SOLMOSAN, JEFFREY J., US
[72] BILIC, JEROMIN, US
[72] MCFARLIN, NICHOLAS WADE, US
[72] KOCH, JEFFREY B., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-17
[86] 2017-02-15 (PCT/US2017/017937)
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[30] US (62/310,624) 2016-03-18

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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 239/46 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **PYRIMIDINES AND VARIANTS THEREOF, AND USES THEREFOR**
[54] **PYRIMIDINES ET VARIANTS DE CELLES-CI, ET LEURS UTILISATIONS**
[72] HAWLEY, RONALD CHARLES, US
[72] IBRAHIM, PRABHA, US
[72] FORD, ANTHONY P., US
[72] GEVER, JOEL R., US
[71] AFFERENT PHARMACEUTICALS INC., US
[85] 2018-09-18
[86] 2017-03-20 (PCT/US2017/023126)
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[30] US (62/313,334) 2016-03-25

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[25] FR
[54] **HOT-AIR COOKER**
[54] **CUISEUR A AIR CHAUD**
[72] GANGLIN, CHEN, CN
[72] YONGZHU, LU, CN
[72] CHENG, LIN, CN
[71] SEB S.A., FR
[85] 2018-09-18
[86] 2017-03-30 (PCT/FR2017/050734)
[87] (WO2017/191377)
[30] CN (201620270787.8) 2016-03-31

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[51] **Int.Cl. A61F 2/915 (2013.01) A61F 2/93 (2013.01)**
[25] EN
[54] **INTRAVASCULAR IMPLANTS**
[54] **IMPLANTS INTRAVASCULAIRES**
[72] LONGO, MICHAEL A., US
[72] KORKUCH, CHRISTOPHER N., US
[72] HARRISON, WILLIAM JAMES, US
[72] SANDER, THEA ROSE, US
[71] VESPER MEDICAL, INC., US
[85] 2018-09-17
[86] 2017-03-28 (PCT/US2017/024614)
[87] (WO2017/172823)
[30] US (62/316,128) 2016-03-31

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[51] **Int.Cl. G01R 15/00 (2006.01) G01R 33/3873 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MAGNETIC FIELD SHIMMING**
[54] **PROCEDES ET APPAREIL DE CALAGE DE CHAMP MAGNETIQUE**
[72] HUGON, CEDRIC, US
[72] POOLE, MICHAEL STEPHEN, US
[72] RALSTON, TYLER S., US
[71] HYPERFINE RESEARCH, INC., US
[85] 2018-09-18
[86] 2017-03-22 (PCT/US2017/023583)
[87] (WO2017/165513)
[30] US (62/311,821) 2016-03-22

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[51] **Int.Cl. G06Q 50/30 (2012.01) G08G 1/00 (2006.01)**
[25] EN
[54] **ARRANGING PASSENGER PICKUPS FOR AUTONOMOUS VEHICLES**
[54] **PROGRAMMATION DE PRISE EN CHARGE DE PASSAGERS POUR VEHICULES AUTONOMES**
[72] FAIRFIELD, NATHANIEL, US
[72] HERBACH, JOSHUA SETH, US
[72] LUDWICK, CHRISTOPHER KENNEDY, US
[72] MCNAUGHTON, MATTHEW PAUL, US
[72] HUBERT, RENAUD-ROLAND, US
[72] ARDEN, JENNIFER, US
[72] CHAN, MIN LI, US
[71] WAYMO LLC, US
[85] 2018-09-18
[86] 2017-03-22 (PCT/US2017/023628)
[87] (WO2017/165545)
[30] US (15/079,591) 2016-03-24

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[13] A1
[51] **Int.Cl. C07D 231/12 (2006.01) C07D 233/64 (2006.01) C07D 249/06 (2006.01) C07D 249/08 (2006.01) C07D 261/08 (2006.01) C07D 263/32 (2006.01) C07D 271/06 (2006.01) C07D 277/26 (2006.01) C07D 285/08 (2006.01) C07D 285/12 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 413/10 (2006.01) C07D 417/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS**
[54] **MODULATEURS ALLOSTERIQUES DES RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE**
[72] CROWLEY, BRENDAN M., US
[72] CAMPBELL, BRIAN T., US
[72] DUFFY, JOSEPH L., US
[72] GRESHOCK, THOMAS J., US
[72] GUIADEEN, DEODIAL G., US
[72] HARVEY, ANDREW JOHN, AU
[72] HUFF, BELINDA C., AU
[72] LEAVITT, KENNETH J., US
[72] RADA, VANESSA L., US
[72] SANDERS, JOHN M., US
[72] SHIPE, WILLIAM D., US
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[72] BELL, IAN M., US
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[54] **SYSTEME D'ANALYSE DE PHENOTYPE-VARIANT GENETIQUE ET PROCEDES D'UTILISATION**
[72] REID, JEFFREY, US
[72] GOTTESMAN, OMRI, US
[72] HABEGGER, LUKAS, US
[72] CAJES, BRIAN, US
[72] STAPLES, JEFFREY, US
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[54] **METHODS FOR QUANTITATIVE AMPLIFICATION**
[54] **PROCEDES D'AMPLIFICATION QUANTITATIVE**
[72] SPAULDING, USHA K., US
[72] ROGATCHEVA, MARGARITA, US
[72] PORITZ, MARK AARON, US
[72] CRISP, ROBERT JOHN, US
[72] MAGRO, STEPHANE CHRISTIAN JACQUES, FR
[72] BARRANGER, COME HENRI ALBERT, FR
[71] BIOFIRE DIAGNOSTICS, LLC, US
[71] BIOFIRE DEFENSE, LLC, US
[71] BIOMERIEUX, FR
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[54] **REVETEMENT LUBRIFIANT POUR DISPOSITIF MEDICAL**
[72] MILITELLO, MIKE, US
[71] SURMODICS, INC., US
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[54] **EFFICACITE ET DIVERSITE ACCRUES DE MICROBES CULTIVES A PARTIR D'ECHANTILLONS ENVIRONNEMENTAUX**
[72] KANG, YAOWEI, US
[72] SMITH, JESSICA, US
[71] NOVOZYMES BIOAG A/S, DK
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[54] **PORTABLE LIGHT HAVING A FORWARD FACING LIGHT AND A REARWARD FACING LIGHT**
[54] **LAMPE PORTABLE AYANT UNE LUMIERE TOURNEE VERS L'AVANT ET UNE LUMIERE TOURNEE VERS L'ARRIERE**
[72] KELLEY, THOMAS J., US
[72] ARENA, FRANCIS D., US
[72] WORMAN, WILLIAM D., US
[71] STREAMLIGHT, INC., US
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[54] **PROCEDE DE TRAITEMENT EXTRACORPOREL DE LA PREECLAMPSIE ET DE TROUBLES ASSOCIES**
[72] RAE, CAROL A., US
[72] SIMONI, JAN, US
[72] MOELLER, JOHN F., US
[71] IMMUTRIX THERAPEUTICS, INC., US
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[54] **DERIVES DE BETA-AMINO PATEAMINE A ET METHODES POUR TRAITER LA LEUCEMIE LYMPHOIDE CHRONIQUE**
[72] ROMO, DANIEL, US
[72] HULL, KENNETH, US
[72] ZHU, MINGZHAO, US
[72] ROBLES, OMAR, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
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[54] **CONJUGUE DE FINASTERIDE AVEC UN PEPTIDE**
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[54] **TECHNIQUE TO KILL PATHOGENS IN VIVO**
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[72] HARRISON, NOAH JAMES, US
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[54] **MISE EN PHASE OPTIMALE DE CHARGES DANS UN SYSTEME ET UN PROCEDE DE PERFORATION**
[72] HARDESTY, JOHN T., US
[71] GEODYNAMICS, INC., US
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[54] **OUTIL DE TEST DE REGRESSION VISUELLE**
[72] TSAI, CAROL CHIAM-MEI, US
[72] SHAH, NIRJA, US
[72] MALIK, MUZAFFAR H., US
[71] INTUIT INC., US
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[54] **BINARIZING SECONDARY TRANSFORM INDEX**
[54] **BINARISATION D'INDICE DE TRANSFORMEE SECONDAIRE**
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[72] ZHAO, XIN, US
[72] CHEN, JIANLE, US
[72] SAID, AMIR, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEME D'ELIMINATION DE DECHETS AYANT UN OU PLUSIEURS COUVERCLES**
[72] CHENVAINU, ALEXANDER, US
[72] PARKER, DYLAN, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
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[54] **CREATION DE GENOMES SYNTHETIQUES**
[72] HUTCHISON, CLYDE A., III, US
[72] CHUANG, RAY-YUAN, US
[72] NOSKOV, VLADIMIR N., US
[72] KARAS, BOGUMIL J., US
[72] WISE, KIM S., US
[72] SMITH, HAMILTON O., US
[72] GLASS, JOHN I., US
[72] MERRYMAN, CHUCK, US
[72] GIBSON, DANIEL G., US
[72] VENTER, J. CRAIG, US
[72] KANNAN, KRISHNA, US
[72] DING, LIN, US
[71] SYNTHETIC GENOMICS, INC., US
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[54] **PEINTURE AEROSOL EN LATEX A BASE D'EMULSION**
[72] HALSTEAD, JOSHUA, US
[71] HALSTEAD, JOSHUA, US
[71] THE SHERWIN-WILLIAMS COMPANY, US
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[86] 2017-03-20 (PCT/US2017/023187)
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[54] **NOIX D'ENTRAINEMENT POUR CHAINE DE TYPE MARINE**
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[71] MARIE, VINCENT, FR
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[54] **COMPOSANTS ET PROCEDES D'AMPLIFICATION ISOTHERME**
[72] MILLER, ANDREW P., US
[72] ZHANG, HONGHUA, US
[71] NAT DIAGNOSTICS, INC., US
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[54] **MACHINE, SYSTEME ET PROCEDE DE RESURFACAGE DE ROUTES EXISTANTES**
[72] CAWTHERN, JOHN D., US
[71] GORMAN GROUP LLC, US
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[54] **METHODS AND COMPOSITIONS FOR REDUCING ANTIBIOTIC ADMINISTRATION TO FARM ANIMALS**
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE L'ADMINISTRATION D'ANTIBIOTIQUE AUX ANIMAUX DE FERME**
[72] DRACH, JOY PARR, US
[72] HOCKETT, MITCHELL, US
[72] BRESOLIN, STEFANO, US
[72] JENSEN, ERIK J., US
[72] HEINECK, TOBIAS M., US
[72] POLLARD, JASPER N., US
[72] ASION, DEBORAH, US
[72] RODRIGUEZ, RODOLFO R., US
[72] CALDERWOOD, DAVID A., US
[72] BATE, NORAH GEROW, US
[72] SINK, JOHN RICHARD, US
[72] CORREA, JORGE CARLOS, US
[71] ADVANCED ANIMAL DIAGNOSTICS, INC., US
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[54] **ACCELERATED LIGHT FIELD DISPLAY**
[54] **UNITE D'AFFICHAGE DE CHAMP LUMINEUX ACCELERE**
[72] LAW, HENRY HING, US
[72] KWONG, TUNG CHUEN, US
[72] CHAN, BENJAMIN KOON PAN, US
[72] ATKINSON, WILLIAM LLOYD, US
[72] YU, WILSON HUNG, US
[71] QUALCOMM INCORPORATED, US
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[54] **STRUCTURAL SYSTEMS WITH IMPROVED SIDELAP AND BUCKLING SPANS**
[54] **SYSTEMES STRUCTURAUX PRESENTANT DES PORTEES DE RECOUVREMENT LATERAL ET DE GONDOLEMENT AMELIOREES**
[72] BODWELL, PATRICK ALLEN, US
[72] BOGH, BRIAN HANSEN, US
[72] MARTIN, JEFFREY REINO, US
[71] NUCOR CORPORATION, US
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[54] **LAMINATED GLAZING PANEL COMPRISING A LIGHT-EMITTING DIODE**
[54] **VITRAGE FEUILLETE COMPRENANT UNE DIODE ELECTROLUMINESCENTE**
[72] BAUERLE, PASCAL, FR
[72] HENNION, ALEXANDRE, FR
[72] COUTELLIER, NICOLAS, FR
[72] KLEO, CHRISTOPHE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **IMPROVED ACRYLIC ACID PRODUCTION PROCESS**
[54] **PROCEDE AMELIORE DE PRODUCTION D'ACIDE ACRYLIQUE**
[72] SOOKRAJ, SADESH H., US
[72] TSEITLIN, ALEXANDER, CA
[72] POKROVSKI, KONSTANTIN, US
[72] MUKADDAM, WAHEED, US
[71] NOVOMER, INC., US
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[54] **SYSTEMES ET PROCEDES DE VEHICULE AERIEN SANS PILOTE**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[71] WALMART APOLLO, LLC, US
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[54] **CATALYSEUR D'HYDROLYSE A HAUTE TENEUR EN METAUX POUR REDUCTION CATALYTIQUE DU SOUFRE DANS UN FLUX GAZEUX**
[72] KRUEGER, KARL MARVIN, US
[72] MALDONADO, FERNANDO GABRIEL, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **ELEMENT OPTIQUE REFLECHISSANT DOTE D'UN SUBSTRAT TRES RIGIDE**
[72] SUTHERLAND, JAMES SCOTT, US
[72] WAMBOLDT, LEONARD GERARD, US
[72] WOODARD, KENNETH SMITH, US
[71] CORNING INCORPORATED, US
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[54] **COMPENSATION DE PRESSION D'ENTREE POUR SYSTEME DE SOUPAPE**
[72] VILLANUEVA, CARLOS, US
[71] DUKES AEROSPACE, INC., US
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[25] EN
[54] **EXERCISE CHAIR UTILIZING AN ADJUSTABLE RESISTANCE BAND SYSTEM**
[54] **FAUTEUIL D'EXERCICES UTILISANT UN SYSTEME DE BANDES DE RESISTANCE REGLABLES**
[72] WEISZ, EVAN, US
[71] WEISZ, EVAN, US
[85] 2018-09-18
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[30] US (62/313,088) 2016-03-24
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[25] EN
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[54] **DETECTEUR DE RAYONNEMENT POUR LA DETECTION SIMULTANEE D'UNE PLURALITE DE RAYONNEMENTS**
[72] QUEVEDO-LOPEZ, MANUEL, US
[72] MEJIA SILVA, JESUS I., US
[72] PRADHAN, BHABENDRA K., US
[72] GNADE, BRUCE E., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] NANOHOLDINGS LLC, US
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[51] **Int.Cl. A61K 9/02 (2006.01) A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 38/28 (2006.01) C07K 14/62 (2006.01)**
[25] EN
[54] **USE OF INSULIN FOR PROMOTING GASTRIC EMPTYING**
[54] **UTILISATION DE L'INSULINE POUR FAVORISER LA VIDANGE GASTRIQUE**
[72] ATAROT, TAL, IL
[72] OLSHANSKY, MICHAL, IL
[71] NUTRINIA LTD., IL
[85] 2018-09-18
[86] 2017-03-24 (PCT/US2017/024053)
[87] (WO2017/165789)
[30] US (62/312,473) 2016-03-24

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/08 (2006.01)**
[25] EN
[54] **FORMULATION OF ANTIBODY MOLECULES TO DENGUE VIRUS**
[54] **FORMULATIONS DE MOLECULES D'ANTICORPS CONTRE LE VIRUS DE LA DENGUE**
[72] HAY, CATHERINE, US
[72] SLOAN, SUSAN, US
[72] XU, BI, US
[71] VISTERRA, INC., US
[85] 2018-09-18
[86] 2017-03-24 (PCT/US2017/023973)
[87] (WO2017/165736)
[30] US (62/313,558) 2016-03-25

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[25] EN
[54] **MEDICAL WEIGHING SYSTEMS**
[54] **SYSTEMES DE PESAGE MEDICAL**
[72] HENDRIX, HEIDI FRANCES, US
[72] RAWLINGS, DAVID RICHARD, US
[72] CORRIGAN, SEAN, US
[72] RICHMOND, DAVID B., US
[72] DAVIS, DAVID, US
[71] MICROTEK MEDICAL, INC., US
[85] 2018-09-18
[86] 2017-03-24 (PCT/US2017/024185)
[87] (WO2017/165867)
[30] US (62/313,249) 2016-03-25

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[51] **Int.Cl. A23L 5/20 (2016.01) C01D 5/16 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **CORN PROTEIN PRODUCT HAVING DECREASED FREE SULFITE LEVELS & METHOD FOR MANUFACTURING SAME**
[54] **PRODUIT DE PROTEINE DE MAIS AUX TAUX DE SULFITE LIBRE REDUITS ET PROCEDE DE FABRICATION ASSOCIE**
[72] PORTER, MICHAEL A., US
[72] YEHIA, HADI NAYEF, US
[72] ZHENG, GUO-HUA, US
[71] CARGILL, INCORPORATED, US
[85] 2018-09-18
[86] 2017-03-24 (PCT/US2017/023988)
[87] (WO2017/165748)
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[51] **Int.Cl. A23L 5/20 (2016.01) C01D 5/16 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **CORN PROTEIN CONCENTRATE AND METHODS OF MANUFACTURING SAME**
[54] **CONCENTRE DE PROTEINE DE MAIS ET SES PROCEDES DE FABRICATION**
[72] CHEN, YUMIN, US
[72] PETERS, EUGENE MAX, JR., US
[72] PORTER, MICHAEL A., US
[72] WILSON, CRAIG A., US
[72] YEHIA, HADI NAYEF, US
[72] ZHENG, GUO-HUA, US
[71] CARGILL, INCORPORATED, US
[85] 2018-09-18
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[30] US (62/312,867) 2016-03-24

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[25] EN
[54] **ADJUSTABLE SUPPORT GARMENT WITH HARNESS SYSTEM**
[54] **VETEMENT DE SUPPORT AJUSTABLE AVEC SYSTEME DE HARNAIS**
[72] MUHLENFELD, STEPHANIE, US
[71] NIKE INNOVATE C.V., US
[85] 2018-09-18
[86] 2017-03-28 (PCT/US2017/024553)
[87] (WO2017/172777)
[30] US (62/314,118) 2016-03-28
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[25] EN
[54] **COMBINATIONAL USES OF NITROXOLINE AND ITS ANALOGUES WITH CHEMOTHERAPIES AND IMMUNOTHERAPIES IN THE TREATMENT OF CANCERS**
[54] **UTILISATIONS COMBINEE DE NITROXOLINE ET DE SES ANALOGUES AVEC DES CHIMIOTHERAPIES ET DES IMMUNOTHERAPIES DANS LE TRAITEMENT DE CANCERS**
[72] PAN, KE, US
[72] HUANG, PENG, JP
[72] LI, QIANG, CN
[71] ASIERIS PHARMACEUTICAL TECHNOLOGIES CO., LTD., VG
[85] 2018-09-18
[86] 2017-03-31 (PCT/US2017/025388)
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[30] US (62/315,774) 2016-03-31

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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A PLAYLIST OF USER-RELEVANT CONTENT FOR PLAYBACK IN PLACE OF ADVERTISEMENT CONTENT**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE LISTE DE LECTURE DE CONTENU PERTINENT POUR UN UTILISATEUR A LIRE A LA PLACE D'UN CONTENU DE PUBLICITE**
[72] PATEL, MILAN INDU, US
[72] BRIGHT, KEVIN SCOTT, US
[72] WEIGAND, EMILY LOUISE, US
[72] HUYNH, NANCY, US
[71] ROVI GUIDES, INC., US
[85] 2018-09-18
[86] 2017-03-28 (PCT/US2017/024599)
[87] (WO2017/172812)
[30] US (15/088,403) 2016-04-01

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[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/30 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERY OF THERAPEUTIC AGENTS**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ADMINISTRER DES AGENTS THERAPEUTIQUES**
[72] HANNAMAN, ANDREW W., US
[72] BERNARD, ROBERT M., US
[72] MORSE, STEPHEN A., US
[72] RUCK, OLIVER, US
[72] HARTMAN, ADAM, US
[72] COX, THOMAS DAVID, US
[71] ICHOR MEDICAL SYSTEMS, INC., US
[85] 2018-09-18
[86] 2017-03-28 (PCT/US2017/024631)
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[30] US (62/314,286) 2016-03-28

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[51] **Int.Cl. A61K 38/19 (2006.01) A61K 38/17 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) C07K 14/52 (2006.01) C07K 14/715 (2006.01) C07K 14/72 (2006.01) C12N 7/01 (2006.01) C12N 15/85 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF ALS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA SLA**
[72] MACLENNAN, ALEXANDER JOHN, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2018-09-18
[86] 2017-03-31 (PCT/US2017/025315)
[87] (WO2017/173234)
[30] US (62/315,988) 2016-03-31
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[51] **Int.Cl. G01D 5/00 (2006.01) G06F 3/00 (2006.01) G06F 13/42 (2006.01) H03M 1/12 (2006.01)**
[25] EN
[54] **COMPLETE SYSTEM FOR CONNECTING SENSORS TO SMART DEVICES**
[54] **SYSTEME COMPLET PERMETTANT DE CONNECTER DES CAPTEURS A DES DISPOSITIFS INTELLIGENTS**
[72] SONNENSCHEIN, LAZAR, IL
[71] PULSENMORE LTD., IL
[85] 2018-09-18
[86] 2017-03-23 (PCT/IL2017/050365)
[87] (WO2017/163249)
[30] IL (244746) 2016-03-24

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[51] **Int.Cl. H02K 1/12 (2006.01) H02K 1/16 (2006.01) H02K 21/00 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] SHLAKHETSKI, VICTOR, IL
[72] MOSTOVOY, ALEXANDER, IL
[71] VASTECH HOLDINGS LTD., GB
[85] 2018-09-18
[86] 2017-03-28 (PCT/IL2017/050382)
[87] (WO2017/175214)
[30] GB (1605744.0) 2016-04-04

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[51] **Int.Cl. H01Q 21/06 (2006.01) G01R 29/08 (2006.01) G01R 33/02 (2006.01) H01Q 7/00 (2006.01) H01Q 21/24 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC FIELD PROBE**
[54] **SONDE DE CHAMP ELECTROMAGNETIQUE**
[72] KOBAYASHI, RYOTA, JP
[72] KOBAYASHI, TSUYOSHI, JP
[72] MIYAZAKI, CHIHARU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-09-18
[86] 2016-06-07 (PCT/JP2016/066902)
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[51] **Int.Cl. H01M 8/04 (2016.01) F01K 23/02 (2006.01) F01K 23/18 (2006.01) F02C 3/22 (2006.01) F02C 6/00 (2006.01) F02C 6/10 (2006.01) F02C 7/22 (2006.01) F02C 9/18 (2006.01) H01M 8/00 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE ET PROCEDE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] CHIKUGO, HAYATO, JP
[72] TOMITA, YOUSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-18
[86] 2016-12-08 (PCT/JP2016/086635)
[87] (WO2017/163499)
[30] JP (2016-056453) 2016-03-22

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[51] **Int.Cl. A01N 33/12 (2006.01) A01N 25/10 (2006.01) A01N 43/50 (2006.01) A01N 57/34 (2006.01) A01P 1/00 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITION AND INTERRUPTION OF BIOFILM FORMATION**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION ET D'INTERRUPTION DE FORMATION DE BIOFILM**
[72] JIN, XIAOMING, US
[72] LU, HUI, US
[72] DAMIEN, CHRISTOPHER, US
[72] KOLTISKO, BERNARD, US
[71] DENTSPLY SIRONA INC., US
[85] 2018-09-18
[86] 2017-03-31 (PCT/US2017/025417)
[87] (WO2017/173294)
[30] US (62/317,172) 2016-04-01

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[51] **Int.Cl. G02B 6/34 (2006.01) H04J 14/02 (2006.01)**
[25] EN
[54] **OPTICAL DEVICES AND METHOD FOR TUNING AN OPTICAL SIGNAL**
[54] **DISPOSITIFS OPTIQUES ET PROCEDE PERMETTANT DE SYNTONISER UN SIGNAL OPTIQUE**
[72] SHI, WEI, CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-09-19
[86] 2016-03-17 (PCT/CA2016/050301)
[87] (WO2016/149804)
[30] US (62/135,960) 2015-03-20

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[51] **Int.Cl. B29D 30/08 (2006.01) B60C 13/00 (2006.01) B60C 13/02 (2006.01)**
[25] EN
[54] **TIRE WITH HIGH STRENGTH CORRUGATED SIDEWALLS**
[54] **PNEU AVEC PAROIS LATERALES ONDULEES A HAUTE RESISTANCE**
[72] DOUGLAS, JEFFREY P., US
[71] DOUGLAS, JEFFREY P., US
[85] 2018-09-18
[86] 2017-03-31 (PCT/US2017/025484)
[87] (WO2017/176589)
[30] US (15/094,833) 2016-04-08

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[13] A1
[51] **Int.Cl. F41A 9/63 (2006.01) F16F 1/04 (2006.01) F41A 9/68 (2006.01) F41A 9/70 (2006.01)**
[25] EN
[54] **MAGAZINE COUPLER**
[54] **DISPOSITIF PERMETTANT D'ACCOUPLER UN CHARGEUR**
[72] CROSS, DAVID, CA
[71] 1065210 B.C. LTD., CA
[85] 2018-09-19
[86] 2017-10-13 (PCT/CA2017/051221)
[87] (WO2018/068149)
[30] CA (2945223) 2016-10-13
[30] CA (2945224) 2016-10-13

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[13] A1
[51] **Int.Cl. B64D 15/20 (2006.01) B64D 45/00 (2006.01) G01N 27/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF MONITORING FOR IN-FLIGHT AIRCRAFT ENGINE ICE CRYSTAL ACCRETION**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE D'ACCRETION DE CRISTAL DE GLACE DE MOTEUR D'AERONEF EN VOL**
[72] INKPEN, STUART, CA
[72] NOLAN, CHRIS, CA
[72] CONWAY, BILL, CA
[72] LINFIELD, DANA, CA
[72] BONNELL, DAVID, CA
[72] SWAMIDAS, JOSHUA, CA
[72] ABRAHAM, RUTH, CA
[71] INSTRUMAR LIMITED, CA
[85] 2018-09-19
[86] 2016-05-05 (PCT/CA2016/050517)
[87] (WO2016/176773)
[30] US (62/156,891) 2015-05-05

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C07K 14/705 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **A HIGHLY SENSITIVE AND SPECIFIC LUCIFERASE BASED REPORTER ASSAY FOR ANTIGEN DETECTION**
[54] **DOSAGE DE RAPPORTEUR HAUTEMENT SENSIBLE A BASE DE LUCIFERASE SPECIFIQUE POUR LA DETECTION D'ANTIGENES**
[72] CHAUDHARY, PREET M., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-09-18
[86] 2017-03-31 (PCT/US2017/025602)
[87] (WO2017/173403)
[30] US (62/316,489) 2016-03-31

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[13] A1
[51] **Int.Cl. D01D 5/06 (2006.01) B01D 39/14 (2006.01)**
[25] EN
[54] **FINE FIBERS MADE FROM ROOM TEMPERATURE CROSSLINKING**
[54] **FIBRES FINES OBTENUES A PARTIR D'UNE RETICULATION A TEMPERATURE AMBIANTE**
[72] SHENOY, SURESH LAXMAN, US
[71] DONALDSON COMPANY, INC., US
[85] 2018-09-18
[86] 2017-04-06 (PCT/US2017/026396)
[87] (WO2017/177033)
[30] US (62/318,951) 2016-04-06

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[13] A1
[51] **Int.Cl. C12N 9/14 (2006.01) A01N 25/32 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01) C12N 5/10 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **HERBICIDE TOLERANT PROTEIN, CODING GENE THEREOF AND USE THEREOF**
[54] **PROTEINE TOLERANTE AUX HERBICIDES, GENE CODANT ET SON UTILISATION**
[72] XIE, XIANGTING, CN
[72] TAO, QING, CN
[72] BAO, XIAOMING, CN
[71] BEIJING DABEINONG TECHNOLOGY GROUP CO., LTD., CN
[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN
[85] 2018-09-19
[86] 2016-12-09 (PCT/CN2016/109176)
[87] (WO2017/161921)
[30] CN (201610165121.0) 2016-03-22

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[51] **Int.Cl. A61K 8/26 (2006.01) A61K 8/06 (2006.01) A61K 8/28 (2006.01) A61K 8/49 (2006.01) A61Q 15/00 (2006.01) C07D 211/46 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT STICK IN THE FORM OF A O/W EMULSION**
[54] **STICK ANTITRANSPIRANT SOUS FORME D'EMULSION HUILE DANS L'EAU**
[72] OELRICHS, ILKA, DE
[72] SCHECKER, FRANZISKA, DE
[72] HALLMANN, MARITA, DE
[71] BEIERSDORF AG, DE
[85] 2018-09-19
[86] 2017-03-09 (PCT/EP2017/055562)
[87] (WO2017/162443)
[30] DE (10 2016 204 685.3) 2016-03-22

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[13] A1
[51] **Int.Cl. B65D 1/26 (2006.01) A45C 5/00 (2006.01) A47G 29/00 (2006.01) B65D 25/00 (2006.01) B65D 43/16 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **WATER RESISTANT TOTE BOX**
[54] **BAC DE MANUTENTION RESISTANT A L'EAU**
[72] DUNLAP, RICHARD, US
[71] DUNLAP, RICHARD, US
[85] 2018-09-18
[86] 2017-04-07 (PCT/US2017/026567)
[87] (WO2017/177116)
[30] US (62/319,649) 2016-04-07

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[13] A1
[51] **Int.Cl. H04B 7/04 (2017.01) H04W 72/08 (2009.01) H04W 72/10 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND WIRELESS COMMUNICATION METHOD IN WIRELESS COMMUNICATION SYSTEM**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE COMMUNICATION SANS FIL DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] HU, BINGSHAN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2018-09-19
[86] 2017-03-16 (PCT/CN2017/076930)
[87] (WO2017/167024)
[30] CN (201610202724.3) 2016-04-01

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[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING URINATION OF A SUBJECT**
[54] **PROCEDE ET APPAREIL POUR SURVEILLER LA MICTION CHEZ UN SUJET**
[72] BULUT, MURTAZA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-09-19
[86] 2017-03-14 (PCT/EP2017/055882)
[87] (WO2017/162465)
[30] EP (16162252.7) 2016-03-24

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[51] **Int.Cl. B66F 11/04 (2006.01) B66C 1/40 (2006.01) B66C 13/16 (2006.01) B66C 15/06 (2006.01) B66C 23/66 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **PLATFORM LOAD SENSING SYSTEM**
[54] **SYSTEME DE DETECTION DE CHARGE DE PLATEFORME**
[72] MESSENGER, JOHN E., US
[72] ADDLEMAN, JEFFREY LYNN, US
[72] WALTZ, TIMOTHY MARK, US
[72] YOUNG, TROY, US
[71] JLG INDUSTRIES, INC., US
[85] 2018-09-18
[86] 2017-04-10 (PCT/US2017/026761)
[87] (WO2017/177219)
[30] US (62/320,033) 2016-04-08

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[51] **Int.Cl. B01D 63/06 (2006.01) B01D 61/14 (2006.01) B01D 61/20 (2006.01)**
[25] EN
[54] **PERFUSION FILTRATION SYSTEMS**
[54] **SYSTEMES DE FILTRATION POUR PERFUSION**
[72] CATTANEO, MAURIZIO V., US
[72] SPANJAARD, REMCO A., US
[71] ARTEMIS BIOSYSTEMS, INC., US
[85] 2018-09-18
[86] 2017-04-12 (PCT/US2017/027176)
[87] (WO2017/180724)
[30] US (62/321,234) 2016-04-12

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE, METHOD APPLIED TO ELECTRONIC DEVICE, AND DATA PROCESSING DEVICE**
[54] **DISPOSITIF ELECTRONIQUE, PROCEDE APPLIQUE A UN DISPOSITIF ELECTRONIQUE ET DISPOSITIF DE TRAITEMENT DE DONNEES**
[72] XU, JIN, CN
[72] GAO, CHENG, CN
[72] LIU, SIQI, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2018-09-19
[86] 2017-03-22 (PCT/CN2017/077632)
[87] (WO2017/167082)
[30] CN (201610204474.7) 2016-04-01

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[13] A1
[51] **Int.Cl. G01N 33/533 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **MULTIPLEX POLYMERIC DYE DEVICES AND METHODS FOR USING THE SAME**
[54] **DISPOSITIFS A COLORANTS POLYMERES MULTIPLEX ET LEURS METHODES D'UTILISATION**
[72] SHARKEY, MARYBETH, US
[72] MAMO, SHUMEYE, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-09-18
[86] 2017-04-18 (PCT/US2017/028176)
[87] (WO2017/184629)
[30] US (62/326,640) 2016-04-22

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[13] A1
[51] **Int.Cl. C01D 5/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SOLUBLE POTASSIUM SULFATE**
[54] **PROCEDE DE PRODUCTION DE SULFATE DE POTASSIUM SOLUBLE**
[72] LUTS, PETER, BE
[72] WHITE, NICOLAS, FR
[72] CLAEYS, AURELIEN, BE
[72] MAERTENS, FAYE, BE
[71] TESSENDERLO GROUP N.V./SA, BE
[85] 2018-09-19
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[87] (WO2017/162547)
[30] EP (16161478.9) 2016-03-21

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[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE, INFORMATION PROCESSING APPARATUS, AND INFORMATION PROCESSING METHOD**
[54] **DISPOSITIF ELECTRONIQUE, APPAREIL DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] HU, BINGSHAN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
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[54] **EZH2 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'EZH2 ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] PAULK, JOSHIAWA, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **ALK7 BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON A ALK7 ET LEURS UTILISATIONS**
[72] KNOPF, JOHN, US
[72] BELK, JONATHAN, US
[72] SHARKEY, NATHAN J., US
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE, US
[72] CASTONGUAY, ROSELYNE, US
[72] DAGON, YOSSI, US
[71] ACCELERON PHARMA INC., US
[71] ADIMAB, LLC, US
[85] 2018-09-18
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[54] **HOT-DIP GALVANIZATION SYSTEM AND HOT-DIP GALVANIZATION METHOD**
[54] **INSTALLATION DE GALVANISATION A CHAUD ET PROCEDE DE GALVANISATION A CHAUD**
[72] PINGER, THOMAS, DE
[72] BAUMGURTEL, LARS, DE
[71] FONTAINE HOLDINGS NV, BE
[85] 2018-09-19
[86] 2017-01-09 (PCT/EP2017/050309)
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[54] **BENZO[B]FURANS AS BROMODOMAIN INHIBITORS**
[54] **BENZO[B]FURANES EN TANT QU'INHIBITEURS DE BROMODOMAINE**
[72] ATKINSON, STEPHEN JOHN, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] PRESTON, ALEXANDER G., GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J., GB
[72] WOOLVEN, JAMES MICHAEL, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2018-09-19
[86] 2017-04-05 (PCT/EP2017/058049)
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[25] EN
[54] **CONNECTION ELEMENT, WIND TURBINE TOWER RING SEGMENT AND METHOD FOR CONNECTING TWO WIND TURBINE TOWER RING SEGMENTS**
[54] **CORPS DE LIAISON, SEGMENT ANNULAIRE DE TOUR D'EOLIENNE ET PROCEDE DE LIAISON DE DEUX SEGMENTS ANNULAIRES DE TOUR D'EOLIENNE**
[72] WHITE, WAYNE, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-19
[86] 2017-04-06 (PCT/EP2017/058212)
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[54] **COMPOSITION AND METHOD FOR PRETREATING CANCER**
[54] **COMPOSITION ET PROCEDE DE PRETRAITEMENT DE CANCER**
[72] DROTT, JOHAN, SE
[72] DROTT, KRISTINA, SE
[72] ULVENLUND, STEFAN, SE
[72] SALOMONSSON, CATHARINA, SE
[71] VALCURIA AB, SE
[85] 2018-09-19
[86] 2017-04-21 (PCT/EP2017/059480)
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[25] EN
[54] **METABALOMICS AND VIRAL DIAGNOSTICS SUITE**
[54] **SUITE DE DIAGNOSTICS VIRAUX ET METABOLOMIQUES**
[72] MALCOLM, THOMAS, US
[71] EXCISION BIOTHERAPEUTICS, INC., US
[85] 2018-09-18
[86] 2017-05-24 (PCT/US2017/034164)
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[54] **COMPACT MUSCLE STIMULATOR**
[54] **STIMULATEUR MUSCULAIRE COMPACT**
[72] PISAREV, ALEXEY, SG
[72] PISAREV, VLADIMIR, RU
[71] POWERDOT, INC., US
[85] 2018-09-19
[86] 2017-03-22 (PCT/IB2017/000383)
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[30] US (62/311,811) 2016-03-22
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[54] **PROCESS FOR PREPARING THERAPEUTIC NANOPARTICLES**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES THERAPEUTIQUES**
[72] HORHOTA, ALLEN, US
[71] PFIZER INC., US
[85] 2018-09-19
[86] 2017-03-13 (PCT/IB2017/051442)
[87] (WO2017/163145)
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[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATMENT FOR LYTIC AND LYSOGENIC VIRUSES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT CONTRE LES VIRUS LYTIQUES ET LYSOGENES**
[72] MALCOLM, THOMAS, US
[71] EXCISION BIOTHERAPEUTICS, INC., US
[85] 2018-09-18
[86] 2017-06-01 (PCT/US2017/035361)
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[30] US (62/344,063) 2016-06-01
[30] US (62/346,839) 2016-06-07
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[54] **SUMO AND USES THEREOF**
[54] **PROTEINE SUMO ET SES UTILISATIONS**
[72] COLNAGHI, LUCA, IT
[72] FIORITI, LUANA, IT
[72] LEVINE, AMIR, US
[71] PLICO BIOTECH INC., US
[85] 2018-09-19
[86] 2017-03-22 (PCT/IB2017/051667)
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[25] EN
[54] **FIRE DETECTION SYSTEM WITH AUTOMATIC FIRMWARE UPDATING**
[54] **SYSTEME DE DETECTION D'INCENDIE AVEC MISE A JOUR AUTOMATIQUE DE MICROPROGRAMME**
[72] FARLEY, ROBERT W., US
[72] OGIER, JAMES, US
[72] ZAARUR, SHACHAK, US
[71] TYCO FIRE & SECURITY, GMBH, CH
[85] 2018-09-19
[86] 2017-04-11 (PCT/IB2017/052095)
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[30] US (15/095,680) 2016-04-11

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[51] **Int.Cl. F16H 48/38 (2012.01)**
[25] EN
[54] **DIFFERENTIAL RING GEAR EQUIPPED WITH A TARGET FOR MEASURING THE ROTATION SPEED THEREOF AND ARRANGEMENT IN A GEARBOX**
[54] **COURONNE DE DIFFERENTIEL EQUIPEE D'UNE CIBLE DE MESURE DE SA VITESSE DE ROTATION ET AGENCEMENT DANS UNE BOITE DE VITESSES**
[72] POMMIES, LAURENT, FR
[72] DA SILVA, PAULO, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-19
[86] 2017-02-21 (PCT/FR2017/050384)
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[25] EN
[54] **FIRE DETECTION SYSTEM WITH DISTRIBUTED FILE SYSTEM**
[54] **SYSTEME DE DETECTION D'INCENDIE AVEC SYSTEME DE FICHIERS REPARTIS**
[72] FARLEY, ROBERT W., US
[72] OGIER, JAMES, US
[72] ZAARUR, SHACHAK, US
[71] TYCO FIRE & SECURITY, GMBH, CH
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[25] EN
[54] **TREATMENTS UTILIZING A POLYMER-PROTEIN CONJUGATE**
[54] **TRAITEMENTS A BASE D'UN CONJUGUE POLYMERE-PROTEINE**
[72] SHACHAF, YONATAN, IL
[72] WECHSLER, AHARON, IL
[71] REGENTIS BIOMATERIALS LTD., IL
[85] 2018-09-19
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[30] US (62/315,043) 2016-03-30

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[54] **METHODS FOR TRANSFECTING PLANTS AND FOR REDUCING RANDOM INTEGRATION EVENTS**
[54] **PROCEDES POUR TRANSFECTER DES PLANTES ET REDUIRE LES EVENEMENTS D'INTEGRATION ALEATOIRE**
[72] TIJSTERMAN, MARCEL, NL
[72] VAN KREGTEN, MAARTJE, NL
[72] HOOYKAAS, PAUL, NL
[71] UNIVERSITEIT LEIDEN, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR USE IN TREATING FIBROSIS**
[54] **COMPOSITION MEDICINALE POUR LE TRAITEMENT DE LA FIBROSE**
[72] SAKURAI, FUMINORI, JP
[72] MIZUGUCHI, HIROYUKI, JP
[71] OSAKA UNIVERSITY, JP
[85] 2018-09-19
[86] 2017-02-15 (PCT/JP2017/005443)
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[51] **Int.Cl. A61K 35/74 (2015.01) C12N 15/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER USING RECALL ANTIGENS DELIVERED BY ATTENUATED BACTERIA**
[54] **TRAITEMENT DU CANCER A L'AIDE D'ANTIGENES DE RAPPEL LIVRES PAR DES BACTERIES ATTENUEES**
[72] GRAVEKAMP, CLAUDIA, US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2018-09-19
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[54] **COMPOSITION BASED ON CALCIUM OXIDE**
[54] **COMPOSITION A BASE D'OXYDE DE CALCIUM**
[72] BURGE, CHRISTIAN, CH
[72] MADER, GILBERT, CH
[72] WOMBACHER, FRANZ, CH
[71] SIKA TECHNOLOGY AG, CH
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[25] EN
[54] **FRP SHEET PRESS MOLDING METHOD AND DEVICE AND FRP MOLDED ARTICLE**
[54] **PROCEDE ET DISPOSITIF DE PRESSE PAR VOIE HUMIDE DE FEUILLE EN PLASTIQUE RENFORCE DE FIBRE DE VERRE ET ARTICLE MOULE EN PLASTIQUE RENFORCE DE FIBRE DE VERRE**
[72] SAKURAI, MOTOKI, JP
[72] HAYASHI, KENJI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-09-19
[86] 2017-03-23 (PCT/JP2017/011774)
[87] (WO2017/164324)
[30] JP (2016-060727) 2016-03-24

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[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/4985 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING PERIPHERAL VASCULAR DISEASES, INCLUDING SYSTEMIC SCLEROSIS VASCULOPATHY**
[54] **PROCEDES DE TRAITEMENT DE MALADIES VASCULAIRES PERIPHERIQUES, Y COMPRIS LA VASCULOPATHIE DE LA SCLERODERMIE GENERALISEE**
[72] DONATO, ANTHONY, US
[72] FRECH, TRACY, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2018-09-19
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[54] **ALLIAGE NI-FE-CR**
[72] TAKEDA, KIYOKO, JP
[72] TAKAGI, TAKAMITSU, JP
[72] OKADA, HIROKAZU, JP
[72] TERUNUMA, MASAAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **REAL-TIME WATER FLOOD OPTIMAL CONTROL WITH REMOTE SENSING**
[54] **COMMANDE OPTIMALE D'INONDATION A L'EAU EN TEMPS REEL AVEC DETECTION A DISTANCE**
[72] DYKSTRA, JASON D., US
[72] SONG, XINGYONG, US
[72] ZHAO, YIMING, US
[72] BU, FANPING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **REDUCING EFFECTS OF CONDUCTIVE MUD ON SINGLE-WELL RANGING**
[54] **REDUCTION D'EFFETS DE BOUE CONDUCTRICE SUR UNE TELEMETRIE A PUITS UNIQUE**
[72] DONDERICI, BURKAY, US
[72] CAPOGLU, ILKER R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-19
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[54] **SENSOR SYSTEM FOR PASSIVE IN-VEHICLE BREATH ALCOHOL ESTIMATION**
[54] **SYSTEME DE CAPTEUR POUR UNE ESTIMATION PASSIVE D'ALCOOL DANS L'HALEINE DANS UN VEHICULE**
[72] HOK, BERTIL, SE
[72] GESTER, RAIMO, SE
[72] LJUNGBLAD, JONAS, SE
[72] PETTERSSON, HAKAN, SE
[71] AUTOMOTIVE COALITION FOR TRAFFIC SAFETY, INC., US
[85] 2018-09-19
[86] 2016-12-28 (PCT/US2016/068789)
[87] (WO2017/164953)
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[54] **GRISEOFULVIN COMPOUND**
[54] **COMPOSE DE GRISEOFULVINE**
[72] SAITO, KEIJI, JP
[72] NAKAJIMA, KATSUYOSHI, JP
[72] TANIGUCHI, TORU, JP
[72] IWAMOTO, OSAMU, JP
[72] SHIBUYA, SATOSHI, JP
[72] OGAWA, YASUYUKI, JP
[72] AOKI, KAZUMASA, JP
[72] KURIKAWA, NOBUYA, JP
[72] TANAKA, SHINJI, JP
[72] OGITANI, MOMOKO, JP
[72] KIOI, ERIKO, JP
[72] ITO, KAORI, JP
[72] NISHIHAMA, NATSUMI, JP
[72] MIKKAICHI, TSUYOSHI, JP
[72] SAITOH, WATARU, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **AUTOMATIC SUCKER ROD SPACING DEVICE**
[54] **DISPOSITIF D'ESPACEMENT AUTOMATIQUE DE TIGES DE POMPAGE**
[72] JOHNSON, MICHAEL ERIC, US
[72] EWING, DONALD, US
[72] JOHNSON, DONALD MIKE, US
[72] BOYD, JOE, US
[72] USELTON, DANNY, US
[71] TRC SERVICES, INC., US
[85] 2018-09-19
[86] 2017-01-20 (PCT/US2017/014309)
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[30] US (62/288,913) 2016-01-29

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[25] EN
[54] **REGENERATION OF AN IONIC LIQUID CATALYST BY HYDROGENATION USING A MACROPOROUS NOBLE METAL CATALYST**
[54] **REGENERATION D'UN CATALYSEUR LIQUIDE IONIQUE PAR HYDROGENATION A L'AIDE D'UN CATALYSEUR DE METAL NOBLE MACROPOREUX**
[72] TIMKEN, HYE KYUNG CHO, US
[72] JOHNS, JEFF, US
[72] BHADURI, RAHUL SHANKAR, US
[72] DUMA, VIOREL, US
[72] HEYSE, JOHN V., US
[71] CHEVRON U.S.A. INC., US
[85] 2018-09-19
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[25] EN
[54] **NOISE REDUCING AND COOLING ENCLOSURE**
[54] **ENCEINTE A INSONORISATION ET A REFROIDISSEMENT**
[72] PAGENKOPF, KENNETH EDWARD, US
[71] HUBBELL INCORPORATED, US
[85] 2018-09-19
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[87] (WO2017/165340)
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[54] **MODULAR BOTTLE RACK**
[54] **PORTE-BOUTEILLES MODULAIRE**
[72] DUNN, STEVEN BRYAN, US
[72] HATHERILL, MARK A., US
[72] KANG, YONG SUN SIMON, US
[72] TEBBE, MARK GERARD, US
[71] MUNCHKIN, INC., US
[85] 2018-09-19
[86] 2017-02-23 (PCT/US2017/019218)
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[30] US (62/300,053) 2016-02-25
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[51] **Int.Cl. C09K 8/14 (2006.01)**
[25] EN
[54] **IN SITU GENERATION OF NANO-CLAY DRILLING FLUID**
[54] **GENERATION IN SITU D'UN FLUIDE DE FORAGE A BASE DE NANO-ARGILE**
[72] AL-YAMI, ABDULLAH SALEH HUSSAIN, SA
[72] WAGLE, VIKRANT BHAVANISHANKAR, SA
[72] ALABDULLATIF, ZIAD ABDULLRAHMAN SALEH, SA
[72] ALMASSI, FARAMAK, SA
[72] BUBSHAIT, ABDULAZIZ S., SA
[72] AL SAFRAN, ALI MOHAMMED HUSSAIN, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-09-19
[86] 2017-03-03 (PCT/US2017/020579)
[87] (WO2017/165100)
[30] US (15/077,656) 2016-03-22

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[25] EN
[54] **THERMAL RECUPERATION METHODS, SYSTEMS, AND DEVICES**
[54] **PROCEDES, SYSTEMES, ET DISPOSITIFS DE RECUPERATION THERMIQUE**
[72] MUREN, RUSSELL, US
[72] ERICKSON, LUKE, US
[71] REBOUND TECHNOLOGIES, INC., US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023356)
[87] (WO2017/165378)
[30] US (62/310,888) 2016-03-21

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[51] **Int.Cl. B64F 5/00 (2017.01) B64C 39/02 (2006.01) G06F 3/048 (2013.01) G06F 17/50 (2006.01)**
[25] EN
[54] **UNMANNED AIRCRAFT SYSTEMS AND METHODS OF ASSEMBLY**
[54] **SYSTEMES D'AERONEF SANS PILOTE ET PROCEDES D'ASSEMBLAGE**
[72] THOMPSON, JOHN P., US
[72] HIGH, DONALD R., US
[72] JONES, NATHAN G., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-19
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[25] EN
[54] **METHOD AND SYSTEM FOR RECORDING POINT TO POINT TRANSACTION PROCESSING**
[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT DE TRAITEMENT DE TRANSACTION POINT A POINT**
[72] LUGLI, PETER, A., US
[72] MATTINGLY, TIMOTHY, WARREN, US
[72] JULIANO, DAN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023360)
[87] (WO2017/165380)
[30] US (62/311,062) 2016-03-21
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[54] **STORAGE STABLE FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES STABLES AU STOCKAGE**
[72] LEWIS, DEBORAH, AU
[72] LEWIS, DAVID, AU
[71] BYRON FOOD SCIENCE PTY LIMITED, AU
[85] 2018-09-19
[86] 2017-04-11 (PCT/AU2017/050318)
[87] (WO2017/177266)
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[54] **EMOTION RECOGNITION TO MATCH SUPPORT AGENTS WITH CUSTOMERS**
[54] **RECONNAISSANCE D'EMOTION AFIN DE METTRE EN CORRESPONDANCE DES AGENTS D'ASSISTANCE AVEC DES CLIENTS**
[72] EFTEKHARI, AMIR, US
[72] CARPIO, ALIZA, US
[72] ELWELL, JOSEPH, US
[72] O'MALLEY, DAMIEN, US
[71] INTUIT INC., US
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[86] 2017-03-13 (PCT/US2017/022132)
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[25] EN
[54] **T-CELL EXHAUSTION STATE-SPECIFIC GENE EXPRESSION REGULATORS AND USES THEREOF**
[54] **REGULATEURS DE L'EXPRESSION GENIQUE SPECIFIQUES A L'ETAT D'EPUISEMENT DES LYMPHOCYTES T ET LEURS UTILISATIONS**
[72] HAINING, WILLIAM NICHOLAS, US
[72] SEN, DEBATTAMA, US
[72] WHERRY, E. JOHN, US
[72] YOSEF, NIR, US
[72] KAMINSKI, JAMES, US
[72] HAINING, WILLIAM NICHOLAS, US
[72] SEN, DEBATTAMA, US
[72] WHERRY, E. JOHN, US
[72] YOSEF, NIR, US
[72] KAMINSKI, JAMES, US
[72] PAUKEN, KRISTEN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] HAINING, WILLIAM NICHOLAS, US
[71] SEN, DEBATTAMA, US
[71] WHERRY, E. JOHN, US
[71] YOSEF, NIR, US
[71] KAMINSKI, JAMES, US
[71] PAUKEN, KRISTEN, US
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[87] (WO2017/165412)
[30] US (62/310,903) 2016-03-21
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[25] EN
[54] **TRANSPORT FACILITATION SYSTEM FOR CONFIGURING A SERVICE VEHICLE FOR A USER**
[54] **SYSTEME DE FACILITATION DE TRANSPORT SERVANT A CONFIGURER UN VEHICULE DE SERVICE POUR UN UTILISATEUR**
[72] ZYCH, NOAH, US
[72] DONNELLY, RICHARD, US
[72] RANDER, PETER, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023411)
[87] (WO2017/172415)
[30] US (15/089,402) 2016-04-01
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[51] **Int.Cl. B65D 23/10 (2006.01) B44D 3/12 (2006.01) B65D 1/04 (2006.01) B65D 1/20 (2006.01) B65D 3/12 (2006.01) B65D 47/12 (2006.01)**
[25] EN
[54] **STORAGE CONTAINER WITH SPOUT**
[54] **CONTENANT DE STOCKAGE AVEC BEC VERSEUR**
[72] HUDSON, RICHARD D., US
[72] JOHNSON, JAMES J., US
[72] MORALES, GUSTAVO A., US
[72] GOODWIN, EDWARD RAY, JR., US
[72] LAMBERTSON, MICHAEL C., JR., US
[72] BUCKEL, CHARLES T., JR., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023421)
[87] (WO2017/165422)
[30] US (62/311,078) 2016-03-21
[30] US (62/313,282) 2016-03-25
[30] US (62/356,812) 2016-06-30
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[25] EN
[54] **METHODS FOR IMPROVING THE THERAPEUTIC INDEX FOR A CHEMOTHERAPEUTIC DRUG**
[54] **PROCEDES D'AMELIORATION DE L'INDICE THERAPEUTIQUE D'UN MEDICAMENT CHIMIOTHERAPEUTIQUE**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023442)
[87] (WO2017/165439)
[30] US (62/311,335) 2016-03-21
[30] US (62/361,452) 2016-07-12

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **METHODS FOR REDUCING TOXICITY OF A CHEMOTHERAPEUTIC DRUG**
[54] **PROCEDES DE REDUCTION DE LA TOXICITE D'UN MEDICAMENT CHIMIOTHERAPEUTIQUE**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-09-19
[86] 2017-03-21 (PCT/US2017/023443)
[87] (WO2017/165440)
[30] US (62/311,327) 2016-03-21

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[25] EN
[54] **COLLAPSIBLE PET CARRIER**
[54] **DISPOSITIF DE TRANSPORT PLIABLE POUR ANIMAL DE COMPAGNIE**
[72] TORRES, LAURA, US
[71] TORRES, LAURA, US
[85] 2018-09-19
[86] 2017-03-22 (PCT/US2017/023550)
[87] (WO2017/165498)
[30] US (62/311,549) 2016-03-22

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[51] **Int.Cl. G02F 1/1334 (2006.01) G02F 1/137 (2006.01) G02F 1/133 (2006.01)**
[25] EN
[54] **LOW HAZE SWITCHABLE LIQUID CRYSTAL ARRANGEMENT FOR USE IN SWITCHABLE WINDOW OR THE LIKE**
[54] **AGENCEMENT DE CRISTAUX LIQUIDES COMMUTABLES A FAIBLE VOILE EN VUE D'UNE UTILISATION DANS UNE FENETRE COMMUTABLE OU AUTRE**
[72] VEERASAMY, VIJAYEN S., US
[71] GUARDIAN GLASS, LLC, US
[85] 2018-09-19
[86] 2017-03-23 (PCT/US2017/023746)
[87] (WO2017/165609)
[30] US (62/312,118) 2016-03-23

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[51] **Int.Cl. C07C 235/40 (2006.01) A61K 31/198 (2006.01) A61K 31/445 (2006.01) C07D 211/06 (2006.01)**
[25] EN
[54] **NEUROPEPTIDE S RECEPTOR (NPSR) AGONISTS**
[54] **AGONISTES DU RECEPTEUR DU NEUROPEPTIDE S (NPSR)**
[72] RUNYON, SCOTT, US
[72] HASSLER, CARLA, US
[72] SHINER, CRAIG, US
[72] NARAYANAN, SANJU, US
[71] RESEARCH TRIANGLE INSTITUTE, US
[85] 2018-09-19
[86] 2017-03-23 (PCT/US2017/023762)
[87] (WO2017/176461)
[30] US (62/318,042) 2016-04-04

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[51] **Int.Cl. A61K 31/7034 (2006.01) C07H 15/203 (2006.01) C07H 15/26 (2006.01)**
[25] EN
[54] **MANNOSE-DERIVED ANTAGONISTS OF FIMH USEFUL FOR TREATING DISEASE**
[54] **ANTAGONISTES DERIVES DU MANNOSE DE FIMH UTILES POUR LE TRAITEMENT D'UNE MALADIE**
[72] JANETKA, JAMES, W., US
[72] MYDOCK-MCGRANE, LAUREL, US
[71] FIMBRION THERAPEUTICS, INC., US
[85] 2018-09-19
[86] 2017-03-23 (PCT/US2017/023764)
[87] (WO2017/165619)
[30] US (62/312,017) 2016-03-23

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[25] EN
[54] **6-HYDROXY-4-OXO-1,4-DIHYDROPYRIMIDINE-5-CARBOXAMIDES AS APJ AGONISTS**
[54] **6-HYDROXY-4-OXO-1,4-DIHYDROPYRIMIDINE-5-CARBOXAMIDES UTILISES EN TANT QU'AGONISTES DE L'APJ**
[72] PI, ZULAN, US
[72] BILDER, DONNA M, US
[72] BRIGANCE, ROBERT PAUL, US
[72] FINLAY, HEATHER, US
[72] JIANG, WEN, US
[72] JOHNSON, JAMES A., US
[72] LAWRENCE, R. MICHAEL, US
[72] MENG, WEI, US
[72] MYERS, MICHAEL C., US
[72] PHILLIPS, MONIQUE, US
[72] TORA, GEORGE O., US
[72] ZHANG, XIAOJUN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-09-19
[86] 2017-03-23 (PCT/US2017/023801)
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[51] **Int.Cl. A61K 31/4427 (2006.01) A61K 31/403 (2006.01) A61K 31/4162 (2006.01) A61K 31/4166 (2006.01) A61K 31/4365 (2006.01) A61K 31/438 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/4965 (2006.01) A61K 31/5025 (2006.01) A61K 31/513 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NEGATIVE ALLOSTERIC MODULATORS OF MGLUR5 FOR USE IN THE TREATMENT OF MATURE BRAIN DAMAGES**
[54] **MODULATEURS ALLOSTERIQUES NEGATIFS DE MGLUR5 UTILES DANS LE TRAITEMENT DE LESIONS DU CERVEAU MATURE**
[72] SJOLUND, CARIN, SE
[72] BEIRUP, KERSTIN, SE
[72] RUSCHER, KARSTEN, SE
[72] OLSSON, ROGER, SE
[72] WIELOCH, TADEUSZ, SE
[71] SINNTAXIS AB, SE
[85] 2018-09-19
[86] 2016-03-30 (PCT/SE2016/050264)
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[25] EN
[54] **REUSABLE AIR FILTER SYSTEM AND METHOD**
[54] **SYSTEME DE FILTRE A AIR REUTILISABLE ET PROCEDE CORRESPONDANT**
[72] WALL, JERE JAMES, US
[72] WILLIAMS, STEVE, US
[71] K&N ENGINEERING, INC., US
[71] WALL, JERE JAMES, US
[71] WILLIAMS, STEVE, US
[85] 2018-09-19
[86] 2017-03-24 (PCT/US2017/024113)
[87] (WO2017/165829)
[30] US (62/312,930) 2016-03-24
[30] US (15/469,198) 2017-03-24

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[51] **Int.Cl. G06F 9/30 (2018.01)**
[25] EN
[54] **COMPUTER SYSTEMS AND METHODS FOR PROVIDING A VISUALIZATION OF ASSET EVENT AND SIGNAL DATA**
[54] **SYSTEMES ET PROCEDES INFORMATIQUES PERMETTANT DE FOURNIR UNE VISUALISATION D'UN EVENEMENT D'ACTIF ET DE DONNEES DE SIGNAL**
[72] RADKIEWICZ, JACOB, US
[72] BRENDLER, RALPH, US
[72] SIMPSON, MOLLI, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-09-19
[86] 2017-03-27 (PCT/US2017/024254)
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[30] US (62/313,560) 2016-03-25

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[25] EN
[54] **COMPUTER SYSTEMS AND METHODS FOR CREATING ASSET-RELATED TASKS BASED ON PREDICTIVE MODELS**
[54] **SYSTEMES ET PROCEDES INFORMATIQUES POUR CREER DES TACHES LIEES A DES ACTIFS EN FONCTION DE MODELES PREDICTIFS**
[72] MCELHINNEY, ADAM, US
[72] HORRELL, MICHAEL, US
[72] LIANG, DENNIS, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-09-19
[86] 2017-03-27 (PCT/US2017/024256)
[87] (WO2017/165881)
[30] US (62/313,560) 2016-03-25

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[25] EN
[54] **DELIVERY SYSTEMS AND METHODS FOR ELECTRIC PLASMA SYNTHESIS OF NITRIC OXIDE**
[54] **SYSTEMES DE FOURNITURE ET PROCEDES DE SYNTHESE DE MONOXYDE D'AZOTE PAR PLASMA ELECTRIQUE**
[72] ZAPOL, WARREN, US
[72] BLAESI, ARON, US
[72] YU, BINGLAN, US
[72] HICKCOX, MATT, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-09-19
[86] 2017-03-27 (PCT/US2017/024331)
[87] (WO2017/165888)
[30] US (62/313,529) 2016-03-25

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[51] **Int.Cl. C12N 15/861 (2006.01) C12N 7/04 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **METHODS OF HEAT INACTIVATION OF ADENOVIRUS**
[54] **PROCEDES D'INACTIVATION THERMIQUE D'ADENOVIRUS**
[72] MORRISON, CHRISTOPHER J., US
[72] MARATT, JAMES D., US
[71] DIMENSION THERAPEUTICS, INC., US
[85] 2018-09-19
[86] 2017-03-28 (PCT/US2017/024545)
[87] (WO2017/172772)
[30] US (62/314,116) 2016-03-28

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING, IDENTIFYING AND COUNTING ITEMS**
[54] **SYSTEME ET PROCEDE DE LOCALISATION, D'IDENTIFICATION ET DE COMPTAGE D'ELEMENTS**
[72] SKAFF, SARJOUN, US
[72] TAYLOR, JONATHAN DAVIS, US
[72] WILLIAMS, STEPHEN VINCENT, US
[72] DUBE, SIMANT, US
[71] BOSSA NOVA ROBOTICS IP, INC., US
[85] 2018-09-19
[86] 2017-03-28 (PCT/US2017/024559)
[87] (WO2017/172782)
[30] US (62/314,785) 2016-03-29
[30] US (62/427,509) 2016-11-29

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[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS TARGETING CANCER**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES CIBLANT LE CANCER**
[72] CHAUDHARY, PREET M., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-09-19
[86] 2017-03-29 (PCT/US2017/024843)
[87] (WO2017/172981)
[30] US (62/314,864) 2016-03-29

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[13] A1
[51] **Int.Cl. G21C 1/22 (2006.01) G21C 3/24 (2006.01) G21C 3/54 (2006.01)**
[25] EN
[54] **MOLTEN FUEL NUCLEAR REACTOR WITH NEUTRON REFLECTING COOLANT**
[54] **REACTEUR NUCLEAIRE A COMBUSTIBLE FONDU DOTE D'UN LIQUIDE DE REFROIDISSEMENT REFLECHISSANT LES NEUTRONS**
[72] CHEATHAM, JESSE R., III, US
[72] CZERWINSKI, KEN, US
[72] EL-DASHER, BASSEM S., US
[72] KERLIN, WILLIAM M., US
[72] PETROSKI, ROBERT C., US
[72] WALTER, JOSHUA C., US
[72] ABBOT, RYAN JR., US
[72] CISNEROS, ANSELMO T., JR., US
[72] FLOWERS, DAN, US
[72] FREEMAN, CHARLES GREGORY, US
[72] HAVSTAD, MARK A., US
[72] JOHNS, CHRISTOPHER J., US
[72] KELLEHER, BRIAN C., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] MCWHIRTER, JON D., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
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[87] (WO2017/192607)
[30] US (62/330,726) 2016-05-02

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[51] **Int.Cl. A61B 8/00 (2006.01) H01L 41/00 (2013.01) H02N 2/00 (2006.01)**
[25] EN
[54] **MULTILEVEL BIPOLAR PULSER**
[54] **GENERATEUR D'IMPULSIONS BIPOLAIRE MULTINIVEAU**
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[72] FIFE, KEITH G., US
[71] BUTTERFLY NETWORK, INC., US
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[54] **NUCLEAR FUEL SALTS**
[54] **SELS COMBUSTIBLES NUCLEAIRES**
[72] CZERWINSKI, KEN, US
[72] EL-DASHER, BASSEM S., US
[72] KERLIN, WILLIAM M., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] PETROSKI, ROBERT C., US
[72] WALTER, JOSHUA C., US
[72] CISNEROS, ANSELMO T., JR., US
[72] KELLEHER, BRIAN C., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
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[25] EN
[54] **CATALYTIC CONVERSION OF LIGNOCELLULOSIC BIOMASS INTO INDUSTRIAL BIOCHEMICALS**
[54] **CONVERSION CATALYTIQUE D'UNE BIOMASSE LIGNOCELLULOSIQUE EN AGENTS BIOCHIMIQUES INDUSTRIELS**
[72] LE VAN MAO, RAYMOND, CA
[71] LES EXPLOITATIONS J.Y.B. PAPINEAU INC., CA
[85] 2018-09-20
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[25] EN
[54] **MEDICAL DEVICES FOR DELIVERING PLUGS TO VOIDS**
[54] **DISPOSITIFS MEDICAUX POUR LA DISTRIBUTION DE BOUCHONS DANS DES VIDES**
[72] LAMPROPOULOS, FRED, US
[72] MOTTOLA, JIM, US
[72] JENKINS, RICHARD P., US
[72] MCARTHUR, GREGORY R., US
[72] SYKES, KENNETH, US
[72] GARCIA, MARK, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2018-09-19
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[87] (WO2017/173378)
[30] US (62/317,093) 2016-04-01
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[30] US (62/325,792) 2016-04-21
[30] US (62/429,513) 2016-12-02

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[25] EN
[54] **INFORMATION PROCESSING METHOD, TERMINAL DEVICE, NETWORK DEVICE, AND COMMUNICATIONS SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, DISPOSITIF TERMINAL, DISPOSITIF DE RESEAU ET SYSTEME DE COMMUNICATION**
[72] LI, CHAOJUN, CN
[72] WU, ZUOMIN, CN
[72] SHAO, JIAFENG, CN
[72] ZHANG, YUNJI, CN
[72] MA, SHA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-09-20
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[25] EN
[54] **NEONATAL BATH TUB**
[54] **BAIGNOIRE POUR NOUVEAU-NE**
[72] DENTON, DANA L., US
[72] BLANCHARD, DANIEL B., US
[72] DENTON, MARSHALL T., US
[71] CATAPULT PRODUCTS, LLC, US
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[86] 2017-04-03 (PCT/US2017/025805)
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[30] US (29/560,762) 2016-04-10

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[51] **Int.Cl. E21D 15/50 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRE-LOADING MECHANICAL CONSTANT- RESISTANCE SINGLE PROP**
[54] **DISPOSITIF ET PROCEDE DE PRECHARGEMENT D'ETANCON MECANIQUE UNIQUE A RESISTANCE CONSTANTE**
[72] ZHANG, JIXIONG, CN
[72] ZHANG, QIANG, CN
[72] CHEN, YANLONG, CN
[72] QUAN, KAI, CN
[72] YAN, HAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[25] EN
[54] **SLIDE RACK DEVICE FOR SLIDE SPECIMEN PROCESSING**
[54] **DISPOSITIF DE CADRE DE LAME POUR TRAITEMENT DE LAMES D'ECHANTILLON**
[72] GUO, JAMES, CN
[72] GUO, DEREK, CN
[71] XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD., CN
[85] 2018-09-20
[86] 2017-03-21 (PCT/CN2017/077568)
[87] (WO2017/162148)
[30] CN (201610160797.0) 2016-03-21
[30] CN (201610798094.0) 2016-08-31

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[25] EN
[54] **PRESSURE VESSEL VENTED BOSS WITH SINTERED METAL PLUG**
[54] **BOSSAGE EVENTE DE RECIPIENT SOUS PRESSION DOTE D'UN BOUCHON EN METAL FRITTE**
[72] NEWHOUSE, NORMAN L., US
[72] CEDERBERG, CHAD A., US
[71] HEXAGON TECHNOLOGY AS, NO
[85] 2018-09-19
[86] 2017-04-04 (PCT/US2017/025892)
[87] (WO2017/176712)
[30] US (62/318,940) 2016-04-06

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[51] **Int.Cl. G01N 1/28 (2006.01) G02B 21/34 (2006.01)**
[25] EN
[54] **SLIDE COVER PLATE FOR SLIDE SPECIMEN PROCESSING, AND APPLICATION METHOD THEREOF**
[54] **COUVERCLE DE LAME DESTINE A ETRE UTILISE DANS LE TRAITEMENT DE LAMES D'ECHANTILLON, ET PROCEDE L'UTILISANT**
[72] GUO, JAMES, CN
[72] GUO, DEREK, CN
[71] XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD., CN
[85] 2018-09-20
[86] 2017-03-21 (PCT/CN2017/077567)
[87] (WO2017/162147)
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[30] CN (201610798089.X) 2016-08-31

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[51] **Int.Cl. E21D 15/54 (2006.01)**
[25] EN
[54] **BASE MECHANISM OF SINGLE PROP CAPABLE OF BEING UNLOADED AT REDUCED PRESSURE**
[54] **MECANISME DE BASE DE DECHARGEMENT LIBERABLE D'ETANCON UNIQUE**
[72] ZHANG, QIANG, CN
[72] ZHANG, JIXIONG, CN
[72] WU, ZHONGYA, CN
[72] QI, WENYUE, CN
[72] YAN, HONG, CN
[72] LI, MENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-09-20
[86] 2017-11-02 (PCT/CN2017/000660)
[87] (WO2018/082202)
[30] CN (201610957620.3) 2016-11-03

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[51] **Int.Cl. A47K 10/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT DISPENSER**
[54] **DISTRIBUTEUR DE PRODUITS SOUS FORME DE FEUILLE**
[72] BORKE, BRIAN SCOTT, US
[72] CASPER, TED ALLEN, US
[72] DAHL, JACOB CHARLES, US
[72] EDWARDS, R. MITCHEL, US
[72] GROSZ, JOHN WILLIAM, US
[72] JOHNSON, ALAN JOSEPH, US
[72] LAITALA, JOHN PATRICK, US
[72] MADSEN, NICKOLAS EVERETT, US
[72] MILLER, TAMMY LYNN, US
[72] MURPHY, DAVID WARREN, US
[72] PETERS, MARK EDWIN, US
[72] PFEIFER, KYLE ANDREW, US
[72] SCHUH, RYAN JOSEPH, US
[72] SINCLAIR, AARON LEE, US
[72] STUEDEMANN, ROBERT PAUL, US
[72] SWANSON, KEVIN MICHAEL, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-09-19
[86] 2017-04-07 (PCT/US2017/026646)
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[30] US (62/320,829) 2016-04-11
[30] US (62/453,829) 2017-02-02
[30] US (15/479,656) 2017-04-05
[30] US (15/481,113) 2017-04-06
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[51] **Int.Cl. C07D 295/096 (2006.01) A61K 31/495 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 25/32 (2006.01) A61P 29/00 (2006.01) C07C 51/41 (2006.01) C07C 65/11 (2006.01)**
[25] EN
[54] **VORTIOXETINE PAMOIC ACID SALT AND CRYSTAL FORM THEREOF**
[54] **SEL D'ACIDE PAMOIQUE DE VORTIOXETINE ET SA FORME CRISTALLINE**
[72] LI, YUNFEI, CN
[72] XIA, XIAOER, CN
[72] XU, XIN, CN
[72] ZHANG, ZHEN, CN
[72] LIU, LEI, CN
[72] ZHANG, XIAOJUAN, CN
[72] ZHANG, LIMING, CN
[72] LI, DONGSHENG, CN
[72] WANG, YIJIN, CN
[72] GE, JIAN, CN
[71] SHANGHAI SYNERGY PHARMACEUTICAL SCIENCES CO., LTD, CN
[85] 2018-09-20
[86] 2017-03-28 (PCT/CN2017/078427)
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[30] CN (201610187639.4) 2016-03-29

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[13] A1
[51] **Int.Cl. H02J 3/36 (2006.01) H02H 3/06 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FAULT POSITIONING AND RECOVERY OF VOLTAGE SOURCE CONVERTER**
[54] **PROCEDE ET SYSTEME DE LOCALISATION ET DE RECUPERATION DE DEFAILLANCE D'UN CONVERTISSEUR DE SOURCE DE TENSION**
[72] LI, GANG, CN
[72] LU, YU, CN
[72] HU, ZHAOQING, CN
[72] TIAN, JIE, CN
[72] DONG, YUNLONG, CN
[72] JIANG, TIANGUI, CN
[72] LI, HAIYING, CN
[72] FENG, YADONG, CN
[72] WANG, KE, CN
[72] LU, JIANG, CN
[72] SUI, SHUNKE, CN
[72] WANG, HUI, CN
[72] WANG, NANNAN, CN
[71] NR ENGINEERING CO., LTD, CN
[71] NR ELECTRIC CO., LTD, CN
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[86] 2017-04-25 (PCT/CN2017/081890)
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[30] CN (201610294949.6) 2016-05-05

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[51] **Int.Cl. H05K 3/12 (2006.01) B05D 1/12 (2006.01) B05D 3/06 (2006.01) H05K 3/18 (2006.01)**
[25] EN
[54] **METHOD FOR SOLVENT-FREE PRINTING CONDUCTORS ON SUBSTRATE**
[54] **PROCEDE D'IMPRESSION SANS SOLVANT DE CONDUCTEURS SUR UN SUBSTRAT**
[72] YANG, JUN, CN
[72] ZHANG, TENGYUAN, CN
[72] GUO, QIUQUAN, CN
[71] YANG, JUN, CN
[85] 2018-09-20
[86] 2017-03-07 (PCT/CN2017/075849)
[87] (WO2017/162020)
[30] US (62/311,872) 2016-03-22

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **DIAGNOSTIC AND THERAPEUTIC METHODS FOR CANCER**
[54] **PROCEDES DIAGNOSTIQUES ET THERAPEUTIQUES RELATIFS AU CANCER**
[72] KIROUAC, DANIEL CHRISTOPHER, US
[72] WAGLE, MARIE-CLAIRE, US
[72] HUANG, SHIH-MIN, US
[71] GENENTECH, INC., US
[85] 2018-09-19
[86] 2017-04-11 (PCT/US2017/026941)
[87] (WO2017/180581)
[30] US (62/323,210) 2016-04-15

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[51] **Int.Cl. E03C 1/04 (2006.01)**
[25] EN
[54] **VIA HOLE MOUNTING APPARATUS**
[54] **APPAREIL DE MONTAGE DE TROU DE RACCORDEMENT**
[72] PEI, SHANGZU, CN
[72] SU, BAOJI, CN
[71] FLOWTECH KITCHEN & BATHROOM TECHNOLOGY CO., LTD, CN
[85] 2018-09-20
[86] 2017-05-23 (PCT/CN2017/085543)
[87] (WO2017/206765)
[30] CN (201610373377.0) 2016-05-30
[30] CN (201720544340.X) 2017-05-16

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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **IDENTITY REGISTRATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'IDENTITE**
[72] MENG, FEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2018-09-20
[86] 2017-03-20 (PCT/CN2017/077247)
[87] (WO2017/162112)
[30] CN (201610180030.4) 2016-03-25

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[51] **Int.Cl. G01N 3/08 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING PHYSICAL SIMILARITY SIMULATION MATERIAL OF SOLID BACKFILL BODY**
[54] **PROCEDE DE DETERMINATION D'UN MATERIAU DE SIMULATION SIMILAIRE PHYSIQUE D'UN CORPS DE REMPLISSAGE SOLIDE**
[72] ZHANG, JIXIONG, CN
[72] HAN, XIAOLE, CN
[72] ZHANG, QIANG, CN
[72] LAN, LIXIN, CN
[72] CHEN, YADONG, CN
[72] TAI, YANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[71] XUZHOU ZHONAN SCIENCE & TECHNOLOGY CO., LTD. CN
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[51] **Int.Cl. G05D 1/02 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A PRODUCTION PLANT, AND PRODUCTION PLANT**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION DE PRODUCTION ET INSTALLATION DE PRODUCTION**
[72] SODER, JOHANN, DE
[71] SEW-EURODRIVE GMBH & CO. KG, DE
[85] 2018-09-20
[86] 2017-03-28 (PCT/EP2017/025066)
[87] (WO2017/182134)
[30] DE (10 2016 004 882.4) 2016-04-22

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[51] **Int.Cl. B60J 1/00 (2006.01) B60J 1/20 (2006.01)**
[25] EN
[54] **PROTECTIVE WINDSCREEN ARRANGEMENT**
[54] **SYSTEME DE PARE-PRISE PROTECTEUR**
[72] ANDERSSON, PETER, SE
[72] KROOK, FREDRIK, SE
[72] SVENSSON, KENNETH, SE
[71] HAMMERGLASS AB, SE
[85] 2018-09-20
[86] 2017-02-16 (PCT/EP2017/053446)
[87] (WO2017/140751)
[30] EP (16155922.4) 2016-02-16

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[51] **Int.Cl. G01B 11/24 (2006.01) G01N 21/88 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING THE AXIAL RUNOUT OF A PLANE SURFACE OF A WORKPIECE WITH RESPECT TO AN AXIS OF ROTATION, AND CORRESPONDING MEASURING ASSEMBLY**
[54] **PROCEDE DE MESURE DU VOILAGE AXIAL D'UNE SURFACE PLANE D'UNE PIECE A USINER PAR RAPPORT A UN AXE DE ROTATION, ET ENSEMBLE DE MESURE CORRESPONDANT**
[72] MALPEZZI, DOMENICO, IT
[72] ROSSI, ALESSANDRO, IT
[71] MARPOSS SOCIETA' PER AZIONI, IT
[85] 2018-09-20
[86] 2017-03-20 (PCT/EP2017/056493)
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[30] IT (102016000028955) 2016-03-21

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[51] **Int.Cl. B23K 20/04 (2006.01) C22C 21/00 (2006.01) C22F 1/043 (2006.01)**
[25] EN
[54] **ALUMINUM COMPOSITE MATERIAL HAVING A CORROSION PROTECTION LAYER**
[54] **MATERIAU COMPOSITE D'ALUMINIUM DOTE D'UNE COUCHE ANTICORROSION**
[72] BERMIG, GERHARD, DE
[72] EIGEN, NICO, DE
[72] JANSSEN, HARTMUT, DE
[72] MROTZEK, MANFRED, DE
[72] SAS, VOLKER, DE
[72] SCHLUTER, STEFAN, DE
[72] SASS, VOLKER, DE
[71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
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[86] 2017-01-04 (PCT/EP2017/050145)
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[51] **Int.Cl. B65D 51/24 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER AND LID WITH AUDIBLE AND TACTILE FEEDBACK**
[54] **CONTENANT ET COUVERCLE A REPONSE AUDIBLE ET TACTILE**
[72] BERTRAM, JAMES ALEXANDER, GB
[72] COOP, JAMES ROBERT, GB
[72] VAN PUFFELEN, ARIE JOHANNES, NL
[72] TEUCHER, MARK DIGBY, GB
[72] YOUNOS, OMER BIN, NL
[71] UNILEVER PLC, GB
[85] 2018-09-20
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[30] EP (EP16162470.5) 2016-03-25

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[54] **CONTENANT ET COUVERCLE A REPONSE AUDIBLE ET TACTILE**
[72] BERTRAM, JAMES ALEXANDER, GB
[72] COOP, JAMES ROBERT, GB
[72] VAN PUFFELEN, ARIE JOHANNES, NL
[72] TEUCHER, MARK DIGBY, GB
[72] YOUNOS, OMER BIN, NL
[71] UNILEVER PLC, GB
[85] 2018-09-20
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[25] EN
[54] **NOVEL DERIVATIVES AND THEIR USE AS SELECTIVE INHIBITORS OF CASPASE-2**
[54] **NOUVEAUX DERIVES ET LEUR UTILISATION COMME INHIBITEURS SELECTIFS DE LA CASPASE-2**
[72] JACOTOT, ETIENNE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[85] 2018-09-20
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[30] EP (EP16305318.4) 2016-03-22

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[25] EN
[54] **A PHARMACEUTICAL OR VETERINARY COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE OU VETERINAIRE**
[72] SAYERS, GEAROID, IE
[72] KRUMP, LEA, IE
[71] EPSILION LIMITED, IE
[85] 2018-09-20
[86] 2017-03-21 (PCT/EP2017/056747)
[87] (WO2017/162702)
[30] GB (1604765.6) 2016-03-21
[30] GB (1604888.6) 2016-03-22

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[51] **Int.Cl. B65D 1/02 (2006.01) C08G 63/183 (2006.01) C08L 67/03 (2006.01)**
[25] EN
[54] **POLYESTER CONTAINERS AND FILMS WITH REDUCED GAS PERMEABILITY**
[54] **RECIPIENTS ET FILMS EN POLYESTER PRESENTANT UNE PERMEABILITE AUX GAZ REDUITE**
[72] KAPOOR, RAJAT, US
[72] KEZIOS, PETER S., US
[72] ROLLEND, GEORGE F., US
[71] DAK AMERICAS LLC, US
[85] 2018-09-19
[86] 2017-04-11 (PCT/US2017/027018)
[87] (WO2017/180629)
[30] US (62/320,737) 2016-04-11

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[51] **Int.Cl. H04L 12/64 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **HYBRID CLOUD DEPLOYMENT FOR HYBRID UNIFIED COMMUNICATIONS**
[54] **DEPLOIEMENT DE NUAGE HYBRIDE DESTINE A DES COMMUNICATIONS UNIFIEES HYBRIDES**
[72] LI, BINGJUN, US
[72] MALHOTRA, PANKAJ, US
[72] BHIMASENA, DEEPAK M., US
[71] MITEL NETWORKS, INC., US
[85] 2018-09-19
[86] 2017-05-04 (PCT/US2017/030973)
[87] (WO2017/200752)
[30] US (15/160,180) 2016-05-20

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION CONTAINING A CYCLOALKYL ALKYL DICARBOXYLIC ACID DIESTER AS A PLASTICIZER**
[54] **COMPOSITION POLYMERE CONTENANT UN DIESTER D'ACIDE CYCLOALKYL-ALKYL-DICARBOXYLIQUE COMME PLASTIFIANT**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[72] KALLER, MARTIN, DE
[71] BASF SE, DE
[85] 2018-09-20
[86] 2017-03-22 (PCT/EP2017/056786)
[87] (WO2017/162723)
[30] EP (16161873.1) 2016-03-23

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[51] **Int.Cl. C12Q 1/68 (2018.01) A01H 1/04 (2006.01) A01H 5/10 (2018.01)**
[25] EN
[54] **NON-DESTRUCTIVE SEED GENOTYPING**
[54] **GENOTYPAGE NON DESTRUCTIF DE GRAINES**
[72] KOCH, RAINHARD, DE
[72] ELLINGER, PHILIPP, DE
[72] JANSEN, NINA, DE
[72] RAE, STEPHEN, BE
[72] VAN DER MEEREN, KRISTOF, BE
[72] CLAUSEN, MARTIN, DE
[71] BASF SE, DE
[85] 2018-09-20
[86] 2017-03-29 (PCT/EP2017/057438)
[87] (WO2017/167816)
[30] EP (16163397.9) 2016-03-31

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[51] **Int.Cl. B65D 23/08 (2006.01) A61J 1/16 (2006.01)**
[25] EN
[54] **VIAL SLEEVE ASSEMBLY**
[54] **ENSEMBLE MANCHON DE FLACON**
[72] BANTUG, ANTHONY, US
[72] MISMAR, WAEL, US
[72] TAN, KENNETH, US
[72] ABED, TARK, US
[72] MARSH, JUSTIN ALLEN, US
[72] BOGDAN, MARIO, US
[72] COMISO, SCOTT, US
[72] SCHRYVER, BRAIN, US
[71] AMGEN INC., US
[85] 2018-09-19
[86] 2017-05-12 (PCT/US2017/032336)
[87] (WO2017/197222)
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[25] EN
[54] **ADENOVIRAL COAT PROTEIN DERIVED DELIVERY VEHICLES**
[54] **VEHICULES D'ADMINISTRATION DERIVES DE PROTEINES D'ENROBAGE ADENOVIRALES**
[72] BERGER, IMRE, GB
[72] GARZONI, FREDERIC, FR
[72] FENDER, PASCAL, FR
[71] THE EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2018-09-20
[86] 2017-03-31 (PCT/EP2017/057747)
[87] (WO2017/167988)
[30] EP (16163372.2) 2016-03-31

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[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **USE OF NUCLEOSOME-TRANSCRIPTION FACTOR COMPLEXES FOR CANCER DETECTION**
[54] **UTILISATION DE COMPLEXES NUCLEOSOME-FACTEUR DE TRANSCRIPTION POUR LA DETECTION DU CANCER**
[72] MICALLEF, JACOB VINCENT, BE
[72] REIS-FILHO, JORGE, BE
[71] BELGIAN VOLITION SPRL, BE
[85] 2018-09-20
[86] 2017-03-22 (PCT/EP2017/056851)
[87] (WO2017/162755)
[30] GB (1604806.8) 2016-03-22

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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61K 31/4523 (2006.01)**
[25] EN
[54] **DEGRADATION OF CYCLIN-DEPENDENT KINASE 9 (CDK9) BY CONJUGATION OF CDK9 INHIBITORS WITH E3 LIGASE LIGAND AND METHODS OF USE**
[54] **DEGRADATION DE LA KINASE 9 CYCLINE-DEPENDANTE (CDK9) PAR CONJUGAISON D'INHIBITEURS DE CDK9 AVEC UN LIGAND DE TYPE LIGASE E3 ET LEURS PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] OLSON, CALLA M., US
[72] LIANG, YANKE, US
[72] KWIATKOWSKI, NICHOLAS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-09-19
[86] 2017-04-21 (PCT/US2017/028924)
[87] (WO2017/185023)
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[25] EN
[54] **NOVEL CAS SYSTEMS AND METHODS OF USE**
[54] **NOUVEAUX SYSTEMES CAS ET METHODES D'UTILISATION**
[72] CIGAN, ANDREW MARK, US
[72] HOU, ZHENGLIN, US
[72] KING, MATTHEW G., US
[72] LIN, HAINING, US
[72] YOUNG, JOSHUA K., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-09-19
[86] 2017-06-01 (PCT/US2017/035425)
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[30] US (62/352,193) 2016-06-20
[30] US (62/435,145) 2016-12-16

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[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01)**
[25] EN
[54] **PROCESS TO PREPARE SEQUENTIALLY STRETCHED BIAXIALLY ORIENTED FILM**
[54] **PROCEDE DE PREPARATION D'UN FILM A ORIENTATION BIAXIALE ETIRE DE MANIERE SEQUENTIELLE**
[72] STEPANYAN, ROMAN, NL
[72] CHEN, HAO, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-09-20
[86] 2017-04-03 (PCT/EP2017/057828)
[87] (WO2017/174493)
[30] EP (16163902.6) 2016-04-05

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[51] **Int.Cl. B65G 17/06 (2006.01) B65G 15/22 (2006.01) B65G 17/24 (2006.01)**
[25] EN
[54] **DRIVE ASSEMBLY FOR A MODULAR CONVEYOR**
[54] **ENSEMBLE D'ENTRAINEMENT DESTINE A UN TRANSPORTEUR MODULAIRE**
[72] GABOR, PHILIP MICHAEL, US
[72] STEFANKO, JUSTIN MICHAEL, US
[71] REXNORD INDUSTRIES, LLC, US
[85] 2018-09-19
[86] 2017-06-06 (PCT/US2017/036091)
[87] (WO2017/214101)
[30] US (62/347,326) 2016-06-08

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[51] **Int.Cl. C12N 9/12 (2006.01)**
[25] EN
[54] **MARINE DNA POLYMERASES**
[54] **ADN POLYMERASES MARINES**
[72] LARSEN, ATLE NORALF, NO
[72] PIOTROWSKI, YVONNE, NO
[72] ASSEFA, NETSANET GIZAW, NO
[72] LANES, OLAV, NO
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
[85] 2018-09-20
[86] 2017-03-22 (PCT/EP2017/056865)
[87] (WO2017/162765)
[30] GB (1604876.1) 2016-03-22

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) C07D 401/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **DEGRADATION OF CYCLIN-DEPENDENT KINASE 4/6 (CDK4/6) BY CONJUGATION OF CDK4/6 INHIBITORS WITH E3 LIGASE LIGAND AND METHODS OF USE**
[54] **DEGRADATION DE LA KINASE 4/6 CYCLINE-DEPENDANTE (CDK4/6) PAR CONJUGAISON D'INHIBITEURS DE CDK4/6 AVEC UN LIGAND DE TYPE LIGASE E3 ET LEURS PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] OLSON, CALLA M., US
[72] LIANG, YANKE, US
[72] KWIATKOWSKI, NICHOLAS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[30] US (62/326,571) 2016-04-22

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[51] **Int.Cl. C12P 19/44 (2006.01) C07H 15/18 (2006.01) C08L 67/00 (2006.01)**
[25] EN
[54] **GLYCOSYLATED MONO(2-HYDROXYETHYL) TEREPHTHALIC ACID AND GLYCOSYLATED BIS(2-HYDROXYETHYL) TEREPHTHALIC ACID**
[54] **ACIDE MONO(2-HYDROXYETHYL)-TEREPHTALIQUE GLYCOSYLE ET ACIDE BIS(2-HYDROXYETHYL)-TEREPHTALIQUE GLYCOSYLE**
[72] SEIBEL, JURGEN, DE
[72] TIMM, MALTE, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
[85] 2018-09-20
[86] 2017-03-23 (PCT/EP2017/056995)
[87] (WO2017/162825)
[30] EP (16000698.7) 2016-03-23
[30] EP (16001525.1) 2016-07-08
[30] EP (16001744.8) 2016-08-05

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[51] **Int.Cl. A61K 31/501 (2006.01) A61K 31/55 (2006.01) A61K 31/635 (2006.01) A61P 9/04 (2006.01)**
[25] EN
[54] **USE OF PIMOBENDAN FOR THE REDUCTION OF HEART SIZE AND/OR THE DELAY OF ONSET OF CLINICAL SYMPTOMS IN PATIENTS WITH ASYMPTOMATIC HEART FAILURE DUE TO MITRAL VALVE DISEASE**
[54] **UTILISATION DE PIMOBENDANE POUR REDUIRE LA TAILLE DU C□UR ET/OU RETARDER L'APPARITION DE SYMPTOMES CLINIQUES CHEZ DES PATIENTS SOUFFRANT D'INSUFFISANCE CARDIAQUE ASYMPTOMATIQUE DUE A UNE MALADIE DE LA VALVULE MITRALE**
[72] SCHUMMER, CHRISTOPH MATTHIAS, DE
[72] JOENS, OLAF, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2018-09-20
[86] 2017-04-04 (PCT/EP2017/057970)
[87] (WO2017/174571)
[30] EP (16164041.2) 2016-04-06
[30] EP (16172394.5) 2016-06-01

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[51] **Int.Cl. G06K 9/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **OPTICAL CHARACTER RECOGNITION UTILIZING HASHED TEMPLATES**
[54] **RECONNAISSANCE OPTIQUE DE CARACTERES A L'AIDE DE MODELES HACHES**
[72] YELLAPRAGADA, VIJAY S., US
[72] CHIANG, PEIJUN, US
[72] MADDIKA, SREENEEL, US
[71] INTUIT INC., US
[85] 2018-09-19
[86] 2017-04-28 (PCT/US2017/030145)
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[30] US (15/221,971) 2016-07-28

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[13] A1
[51] **Int.Cl. B66C 13/06 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **MATERIALS MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE MATERIAUX**
[72] THOMSON, STANLEY, AU
[72] MILLER, ANDREW, AU
[71] VERTON TECHNOLOGIES AUSTRALIA PTY LTD, AU
[85] 2018-09-20
[86] 2016-10-07 (PCT/AU2016/050941)
[87] (WO2017/059493)
[30] AU (2015904106) 2015-10-08
[30] AU (2015905245) 2015-12-17

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[51] **Int.Cl. H04N 13/00 (2018.01) G06T 7/593 (2017.01) G06T 7/00 (2017.01)**
[25] EN
[54] **DUAL MODE DEPTH ESTIMATOR**
[54] **ESTIMATEUR DE PROFONDEUR A MODE DOUBLE**
[72] RIEMENS, ABRAHAM KAREL, NL
[71] ULTRA-D COOPERATIEF U.A., NL
[85] 2018-09-20
[86] 2017-04-20 (PCT/EP2017/059344)
[87] (WO2017/182548)
[30] EP (16166353.9) 2016-04-21

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[51] **Int.Cl. G21C 1/22 (2006.01) G21C 1/14 (2006.01) G21C 1/32 (2006.01) G21C 3/24 (2006.01) G21C 3/54 (2006.01) G21C 5/14 (2006.01) G21C 11/06 (2006.01) G21C 15/02 (2006.01) G21C 15/12 (2006.01) G21C 15/243 (2006.01) G21C 15/25 (2006.01) G21C 15/26 (2006.01) G21C 15/28 (2006.01)**
[25] EN
[54] **IMPROVED MOLTEN FUEL REACTOR THERMAL MANAGEMENT CONFIGURATIONS**
[54] **CONFIGURATIONS AMELIOREES DE GESTION THERMIQUE DE REACTEUR A COMBUSTIBLE FONDU**
[72] ABBOT, RYAN, US
[72] CISNEROS, ANSELMO T., US
[72] FLOWERS, DANIEL, US
[72] FREEMAN, CHARLES GREGORY, US
[72] HAVSTAD, MARK A., US
[72] JOHNS, CHRISTOPHER J., US
[72] KELLEHER, BRAIN C., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] MCWHIRTER, JON D., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
[86] 2017-05-01 (PCT/US2017/030455)
[87] (WO2017/192463)
[30] US (62/330,726) 2016-05-02

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[51] **Int.Cl. F23R 3/14 (2006.01) F23C 7/00 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **SWIRLER FOR MIXING FUEL WITH AIR IN A COMBUSTION ENGINE**
[54] **COUPELLE DE TURBULENCE POUR LE MELANGE DE CARBURANT AVEC L'AIR DANS UN MOTEUR A COMBUSTION**
[72] DOLMANSLEY, TIMOTHY, GB
[72] HIRD, JAMES, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-20
[86] 2017-04-21 (PCT/EP2017/059565)
[87] (WO2017/182658)
[30] EP (16166716.7) 2016-04-22

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[13] A1
[51] **Int.Cl. C01B 3/02 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A SYNTHESIS GAS**
[54] **PROCEDE DE PRODUCTION D'UN GAZ DE SYNTHESE**
[72] OSTUNI, RAFFAELE, CH
[72] FILIPPI, ERMANNO, CH
[71] CASALE SA, CH
[85] 2018-09-20
[86] 2017-04-11 (PCT/EP2017/058606)
[87] (WO2017/190918)
[30] EP (16168144.0) 2016-05-03

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **CD31SHED AGONISTS FOR USE IN THE PREVENTION AND/OR TREATMENT OF REPERFUSION INJURY**
[54] **AGONISTES CD31SHED A UTILISER DANS LA PREVENTION ET/OU LE TRAITEMENT DE LESION DE REPERFUSION**
[72] CALIGIURI, GIUSEPPINA, FR
[72] MICHEL, JEAN-BAPTISTE, FR
[72] NICOLETTI, ANTONINO, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[71] UNIVERSITE PARIS 13 - PARIS NORD, FR
[85] 2018-09-20
[86] 2017-03-21 (PCT/EP2017/056733)
[87] (WO2017/162692)
[30] EP (16305311.9) 2016-03-21

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[13] A1
[51] **Int.Cl. G21C 1/22 (2006.01) G21C 3/24 (2006.01) G21C 3/54 (2006.01)**
[25] EN
[54] **IMPROVED MOLTEN FUEL REACTOR COOLING AND PUMP CONFIGURATIONS**
[54] **CONFIGURATIONS AMELIOREES DE POMPE ET DE REFROIDISSEMENT DE REACTEUR A COMBUSTIBLE FONDU**
[72] ABBOT, RYAN, JR., US
[72] CISNEROS, ANSELMO T., JR., US
[72] CORBIN, ROBERT A., US
[72] FLOWERS, DANIEL, US
[72] FREEMAN, CHARLES GREGORY, US
[72] HAVSTAD, MARK A., US
[72] JOHNS, CHRISTOPHER J., US
[72] KELLEHER, BRIAN C., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] MCWHIRTER, JON D., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
[86] 2017-05-01 (PCT/US2017/030457)
[87] (WO2017/192464)
[30] US (62/330,726) 2016-05-02

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[51] **Int.Cl. A24F 47/00 (2006.01) H05B 3/34 (2006.01)**
[25] EN
[54] **FLUID PERMEABLE HEATER ASSEMBLY FOR AEROSOL-GENERATING SYSTEMS**
[54] **ENSEMBLE D'ELEMENTS CHAUFFANTS PERMEABLE AUX FLUIDES POUR SYSTEMES PRODUISANT UN AEROSOL**
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-09-20
[86] 2017-05-22 (PCT/EP2017/062257)
[87] (WO2017/207322)
[30] EP (16172198.0) 2016-05-31

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[51] **Int.Cl. C08L 5/14 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING HEMICELLULOSE EXTRACTS**
[54] **PROCEDE DE PRODUCTION D'EXTRAITS D'HEMICELLULOSE**
[72] VAHASALO, LARI, FI
[72] LAX, NICHOLAS, FI
[72] VON SCHOULTZ, SEBASTIAN, FI
[71] CH-BIOFORCE OY, FI
[85] 2018-09-20
[86] 2017-03-29 (PCT/FI2017/050222)
[87] (WO2017/168051)
[30] FI (20165264) 2016-03-29

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[13] A1
[51] **Int.Cl. A61L 27/44 (2006.01) A61L 27/22 (2006.01) A61L 27/36 (2006.01) A61L 27/50 (2006.01) C08J 3/18 (2006.01) C08J 5/18 (2006.01) C08K 5/053 (2006.01)**
[25] EN
[54] **IMPROVED SILK FIBROIN GLYCEROL MEMBRANES**
[54] **MEMBRANES DE GLYCEROL DE FIBROINE DE SOIE AMELIOREES**
[72] ATLAS, MARCUS, AU
[72] DILLEY, RODNEY, AU
[72] ALLARDYCE, BENJAMIN, AU
[72] RAJKHOWA, RANGAM, AU
[71] EAR SCIENCE INSTITUTE AUSTRALIA, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2018-09-20
[86] 2017-03-31 (PCT/AU2017/050276)
[87] (WO2017/165922)
[30] AU (2016901196) 2016-03-31

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[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01)**
[25] FR
[54] **FAN ASSEMBLY, DISK AND PLATFORM**
[54] **PLATEFORME, DISQUE ET ENSEMBLE DE SOUFFLANTE**
[72] DE GAILLARD, THOMAS ALAIN, FR
[72] BOISSON, ALEXANDRE BERNARD MARIE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2018-09-20
[86] 2017-03-20 (PCT/FR2017/050649)
[87] (WO2017/162975)
[30] FR (1652401) 2016-03-21

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[51] **Int.Cl. G01N 21/53 (2006.01) G01N 21/27 (2006.01) G01N 21/59 (2006.01) G01N 21/75 (2006.01) G01N 21/77 (2006.01) G01N 33/10 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR DETERMINATION OF STARCH IN A SAMPLE**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE L'AMIDON DANS UN ECHANTILLON**
[72] VAHASALO, LARI, FI
[72] PIIRONEN, MARJATTA, FI
[72] JOENSUU, IIRIS, FI
[71] KEMIRA OYJ, FI
[85] 2018-09-20
[86] 2017-03-24 (PCT/FI2017/050206)
[87] (WO2017/168045)
[30] FI (20165270) 2016-03-31

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[13] A1
[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE DE VAPEUR**
[72] NETTENSTROM, MATTHEW, US
[72] MCKEON, THOMAS MICHAEL, US
[72] SCHENNUM, STEVEN MICHAEL, US
[72] PEART, JUSTIN BANKER, US
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-09-20
[86] 2017-03-21 (PCT/GB2017/050781)
[87] (WO2017/163044)
[30] GB (1605106.2) 2016-03-24

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[13] A1
[51] **Int.Cl. G07F 17/12 (2006.01)**
[25] EN
[54] **AUTOMATED LOCKER SYSTEM AND METHOD FOR DELIVERY AND COLLECTION OF PACKAGES**
[54] **SYSTEME DE CASIER AUTOMATISE ET PROCEDE DE LIVRAISON ET D'ENLEVEMENT DE PAQUETS**
[72] MILLER, STUART, GB
[72] BROMWELL, MARK, GB
[72] POWELL, DAMIAN, GB
[72] MINTO, ROBIN, GB
[72] MCMAHON, ANTHONY, GB
[72] O'SHAUGHNESSY, PETER, GB
[72] FINCH, STEVEN, GB
[71] BYBOX HOLDINGS LIMITED, GB
[85] 2018-09-20
[86] 2017-03-15 (PCT/GB2017/050713)
[87] (WO2017/163018)
[30] GB (1604868.8) 2016-03-22

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[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) A61B 5/00 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE PRODUCTION DE VAPEUR**
[72] NETTENSTROM, MATTHEW JOEL, GB
[72] LEADLEY, DAVID, GB
[72] MCKEON, THOMAS MICHAEL, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-09-20
[86] 2017-03-21 (PCT/GB2017/050788)
[87] (WO2017/163051)
[30] GB (1605104.7) 2016-03-24

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[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **TOOL AND METHOD FOR BALLOON REWRAPPNG**
[54] **OUTIL ET PROCEDE DE REENVELOPPEMENT DE BALLONNET**
[72] QUENTIN, WALSH, US
[71] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[85] 2018-09-20
[86] 2016-03-29 (PCT/IB2016/000538)
[87] (WO2017/168193)

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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **VAPOUR PROVISION SYSTEM**
[54] **SYSTEME DE FOURNITURE DE VAPEUR**
[72] NETTENSTROM, MATTHEW JOEL, GB
[72] LEADLEY, DAVID, GB
[72] SCHENNUM, STEVEN MICHAEL, GB
[72] OTIABA, KENNY, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-09-20
[86] 2017-03-21 (PCT/GB2017/050789)
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[51] **Int.Cl. B01J 20/22 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/81 (2006.01) C08F 283/01 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SORBENT AND METHOD FOR PRODUCING CARBON DIOXIDE SORBENT**
[54] **ABSORBEUR DE DIOXYDE DE CARBONE ET PROCEDE DE PRODUCTION D'UN ABSORBEUR DE DIOXYDE DE CARBONE**
[72] UEDA, KENTARO, JP
[72] KISHIMOTO, AKIRA, JP
[72] OSHIMA, JUNJI, JP
[71] OSAKA GAS CO., LTD., JP
[85] 2018-09-20
[86] 2017-03-10 (PCT/JP2017/009813)
[87] (WO2017/163944)
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[54] **T CELL RECEPTORS**
[54] **RECEPTEURS DE LYMPHOCYTES T**
[72] MAHON, TARA, GB
[72] LI, YI, GB
[71] IMMUNOCORE LIMITED, GB
[85] 2018-09-20
[86] 2017-03-22 (PCT/GB2017/050805)
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[25] EN
[54] **WELL BARRIER INTEGRITY MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'INTEGRITE DE BARRIERE DE PUITS**
[72] FARLEY, IAIN, GB
[72] CHAMPION, BRIAN PHILLIP, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2018-09-20
[86] 2017-03-23 (PCT/GB2017/050820)
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[30] US (15/079,813) 2016-03-24

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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE DE VAPEUR**
[72] NETTENSTROM, MATTHEW JOEL, US
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-09-20
[86] 2017-03-21 (PCT/GB2017/050782)
[87] (WO2017/163045)
[30] GB (1605101.3) 2016-03-24
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING PEGYLATED FAB' FRAGMENT OF ANTI-HUMAN NGF ANTIBODY**
[54] **COMPOSITION MEDICINALE CONTENANT UN FRAGMENT FAB' D'ANTICORPS ANTI-NGF HUMAIN PEG**
[72] YAMAMOTO, AYANO, JP
[72] CHIKUSHI, AKINORI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2018-09-20
[86] 2017-03-24 (PCT/JP2017/011910)
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[30] JP (2016-061353) 2016-03-25

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[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING OF INFORMATION ASSOCIATED WITH AUDIO CONTENT**
[54] **SYSTEMES ET PROCEDES DE SIGNALISATION D'INFORMATIONS ASSOCIEES A UN CONTENU AUDIO**
[72] MISRA, KIRAN MUKESH, US
[72] DESHPANDE, SACHIN G., US
[72] NG, SHEAU, US
[72] SEGALL, CHRISTOPHER ANDREW, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-09-20
[86] 2017-03-23 (PCT/JP2017/011592)
[87] (WO2017/164270)
[30] US (62/313,635) 2016-03-25
[30] US (62/315,611) 2016-03-30
[30] US (62/319,209) 2016-04-06
[30] US (62/325,406) 2016-04-20

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[25] EN
[54] **METHOD OF CREATING A FRAGMENTATION PATTERN ON A WARHEAD**
[54] **PROCEDE DE CREATION D'UN MOTIF DE FRAGMENTATION SUR UNE OGIVE**
[72] MANZ, PAUL C., US
[72] MAGNOTTI, PHILLIP J., US
[72] NGUYEN, DUCTRI H., US
[71] U.S. GOVERNMENT AS REPRESENTED BY THE SECRETARY OF THE ARMY, US
[85] 2018-09-20
[86] 2017-03-29 (PCT/GB2017/050878)
[87] (WO2017/168146)
[30] US (62/314,506) 2016-03-29
[30] US (15/281,250) 2016-09-30

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[25] EN
[54] **GARMENT FOR HARNESS SYSTEM**
[54] **VETEMENT POUR SYSTEME DE HARNAIS**
[72] AUTARD, ERIC P., US
[72] BEYSEL, SABINE, US
[71] IHC DESIGN, LLC, US
[85] 2018-09-20
[86] 2016-12-07 (PCT/US2016/065425)
[87] (WO2017/184210)
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[25] EN
[54] **CONJUGATE VACCINE TARGETING A DISEASE-CAUSING BIOLOGICAL PROTEIN**
[54] **VACCIN DE CONJUGUE CIBLANT UNE PROTEINE IN VIVO RESPONSABLE D'UNE AFFECTION**
[72] NAKAGAMI, HIRONORI, JP
[72] MORISHITA, RYUICHI, JP
[72] TENMA, AKIKO, JP
[71] OSAKA UNIVERSITY, JP
[71] FUNPEP CO., LTD., JP
[85] 2018-09-20
[86] 2017-03-24 (PCT/JP2017/012187)
[87] (WO2017/164409)
[30] JP (2016-062872) 2016-03-25

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[51] **Int.Cl. E04G 23/02 (2006.01) H02S 20/23 (2014.01) H02S 30/00 (2014.01) E04D 1/34 (2006.01) E04D 13/00 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC MODULE INSTALLATION ROOF RENEWAL METHOD USING PORTABLE ROLL FOAMING MACHINE, AND ROOF RENEWAL STRUCTURE OBTAINED THEREBY**
[54] **PROCEDE DE RENOUVELLEMENT DE TOIT POUR INSTALLATION DE MODULE PHOTOVOLTAIQUE A L'AIDE D'UNE MACHINE DE MOUSSAGE A ROULEAU PORTATIVE, ET STRUCTURE DE RENOUVELLEMENT DE TOIT OBTENUE PAR CE PROCEDE**
[72] YOON, SUKKYU, KR
[71] I-SOLAR ENERGY CO., LTD., KR
[71] YOON, SUKKYU, KR
[85] 2018-09-20
[86] 2017-03-21 (PCT/KR2017/003028)
[87] (WO2017/164622)
[30] KR (10-2016-0033914) 2016-03-22

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[51] **Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PRESS-FORMED PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE FORME A LA PRESSE**
[72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-09-20
[86] 2017-03-28 (PCT/JP2017/012609)
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[30] JP (2016-063058) 2016-03-28

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[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **REMOTE WELL SERVICING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ENTRETIEN DE PUITS A DISTANCE**
[72] HERMAN, CHRISTOPHER TAYLOR, US
[72] KAJARIA, SAURABH, US
[72] LIN, JUSTIN KRISTOPHER, US
[72] FULLER, TIMOTHY, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2018-09-20
[86] 2017-02-06 (PCT/US2017/016736)
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[30] US (15/424,669) 2017-02-03

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[25] EN
[54] **METHOD FOR PRODUCING 5-(BROMOMETHYL)-1-BENZOTHIOPHENE**
[54] **PROCEDE DE PRODUCTION DE 5-(BROMOMETHYL)-1-BENZOTHIOPHENE**
[72] ISHIHARA, KENTARO, JP
[72] ARAI, TSUYOSHI, JP
[71] TOYAMA CHEMICAL CO. LTD., JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-09-20
[86] 2017-03-30 (PCT/JP2017/013206)
[87] (WO2017/170850)
[30] JP (2016-071574) 2016-03-31

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[51] **Int.Cl. A61N 1/00 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **PULSE GENERATOR SYSTEM FOR PROMOTING DESYNCHRONIZED FIRING OF RECRUITED NEURAL POPULATIONS**
[54] **SYSTEME GENERATEUR D'IMPULSIONS FAVORISANT L'ACTIVATION DESYNCHRONISEE DE POPULATIONS DE NEURONES RECRUTES**
[72] HERSHEY, BRADLEY L., US
[72] ZHU, CHANGFANG, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2018-09-20
[86] 2017-02-10 (PCT/US2017/017313)
[87] (WO2017/184238)
[30] US (62/324,801) 2016-04-19
[30] US (15/428,612) 2017-02-09

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[51] **Int.Cl. C09K 11/61 (2006.01)**
[25] EN
[54] **OXY-BROMIDE PHOSPHORS AND USES THEREOF**
[54] **LUMINOPHORES D'OXY-BROMURE ET LEURS UTILISATIONS**
[72] CAMARDELLO, SAM JOSEPH, US
[72] SRIVASTAVA, ALOK MANI, US
[72] COMANZO, HOLLY ANN, US
[72] BEERS, WILLIAM WINDER, US
[72] COHEN, WILLIAM ERWIN, US
[72] DU, FANGMING, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-09-20
[86] 2017-02-21 (PCT/US2017/018611)
[87] (WO2017/172110)
[30] US (15/086,699) 2016-03-31

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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MARKER FOR PREDICTING TREATMENT RESPONSE TO ANTI-CANCER AGENT IN SOLID CANCER PATIENTS**
[54] **MARQUEUR DE PREDICTION D'UNE REPONSE THERAPEUTIQUE A UN AGENT ANTICANCEREUX CHEZ DES PATIENTS ATTEINTS D'UN CANCER SOLIDE**
[72] KIM, JAEYOUNG, KR
[72] CHE, JINGMIN, KR
[72] CHUNG, HYUN CHEOL, KR
[72] RHA, SUN YOUNG, KR
[72] KWON, WOO SUN, KR
[72] KIM, TAE SOO, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[71] INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY, KR
[85] 2018-09-20
[86] 2016-03-23 (PCT/KR2016/002896)
[87] (WO2017/164436)
[30] KR (10-2016-0033813) 2016-03-22

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[51] **Int.Cl. C25B 13/08 (2006.01) C25B 1/34 (2006.01) C25B 9/00 (2006.01) C25B 13/02 (2006.01)**
[25] EN
[54] **ION EXCHANGE MEMBRANE AND ELECTROLYZER**
[54] **MEMBRANE ECHANGEUSE D'IONS ET RESERVOIR A ELECTROLYSE**
[72] OHASHI, RYUJI, JP
[72] KAMEYAMA, HIROYUKI, JP
[72] MORIKAWA, TAKUYA, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2018-09-20
[86] 2017-11-24 (PCT/JP2017/042291)
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[30] JP (2017-013283) 2017-01-27

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[25] EN
[54] **DOG LOCKER/PET LOCKER**
[54] **ENCLOS POUR CHIENS/CAGE POUR ANIMAUX DE COMPAGNIE**
[72] BROWNRIDGE, CHELSEA W., US
[71] BROWNRIDGE, CHELSEA W., US
[85] 2018-09-20
[86] 2016-03-18 (PCT/US2016/023213)
[87] (WO2016/154033)
[30] US (62/137,664) 2015-03-24
[30] US (15/067,052) 2016-03-10

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[51] **Int.Cl. B01D 67/00 (2006.01) B01D 53/22 (2006.01) B01D 69/08 (2006.01) B01D 71/02 (2006.01) B01D 71/64 (2006.01)**
[25] EN
[54] **IMPROVED METHOD OF MAKING CARBON MOLECULAR SIEVE MEMBRANES**
[54] **PROCEDE AMELIORE DE FABRICATION DE MEMBRANES DE TAMIS MOLECULAIRE DE CARBONE**
[72] HESSLER, JOHN, US
[72] KOROS, WILLIAM J., US
[72] XU, LIREN, US
[72] BRAYDEN, MARK K., US
[72] MARTINEZ, MARCOS V., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2018-09-20
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[30] US (62/310,836) 2016-03-21

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[51] **Int.Cl. C01B 17/04 (2006.01) B01D 53/52 (2006.01) B01D 53/86 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **CLAUS UNIT TREATMENT OF SHUTDOWN TAIL GAS**
[54] **TRAITEMENT D'UNITE CLAUS D'UN GAZ RESIDUAIRE D'ARRET**
[72] DEBROCK, MATT E., US
[72] GISLAIN, JON F., US
[72] RICHARD, MEGAN M., US
[72] CORLEY, JOHN D., US
[72] COLWELL, JAMES F., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-09-20
[86] 2017-03-06 (PCT/US2017/020889)
[87] (WO2017/165106)
[30] US (62/312,166) 2016-03-23

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[25] EN
[54] **SYSTEM AND PROCESS FOR PREHEATING EVAPORATOR FEEDWATER**
[54] **SYSTEME ET PROCEDE DE PRECHAUFFAGE D'EAU D'ALIMENTATION D'EVAPORATEUR**
[72] MACK, BENJAMIN, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2018-09-20
[86] 2017-03-14 (PCT/US2017/022254)
[87] (WO2017/172348)
[30] US (62/315,344) 2016-03-30

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[51] **Int.Cl. A61B 90/11 (2016.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61B 90/30 (2016.01) A61B 17/00 (2006.01)**
[25] EN
[54] **CANNULA LOCATOR DEVICE**
[54] **DISPOSITIF DE LOCALISATION DE CANULE**
[72] ISAACSON, S. RAY, US
[72] MCKINNON, AUSTIN JASON, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-09-20
[86] 2017-03-17 (PCT/US2017/022929)
[87] (WO2017/172386)
[30] US (62/314,269) 2016-03-28
[30] US (15/461,367) 2017-03-16

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[51] **Int.Cl. G06F 3/16 (2006.01)**
[25] EN
[54] **REMOTE STREAMING AUDIO PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT AUDIO DE TRANSMISSION EN CONTINU A DISTANCE**
[72] BARRETT, CHRISTOPHER, US
[71] ACCESS ANALOG, LLC, US
[85] 2018-09-20
[86] 2017-03-17 (PCT/US2017/023018)
[87] (WO2017/165227)
[30] US (62/311,285) 2016-03-21
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[25] EN
[54] **APPARATUS AND METHOD FOR ORDER FULFILLMENT WITH PORTABLE ITEM CONTAINERS**
[54] **APPAREIL ET PROCEDE D'EXECUTION DE COMMANDE AVEC DES CONTENEURS D'ARTICLES PORTATIFS**
[72] VALKOV, ANTON, US
[72] HIGH, DONALD R., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-20
[86] 2017-03-20 (PCT/US2017/023140)
[87] (WO2017/165262)
[30] US (62/312,322) 2016-03-23

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[51] **Int.Cl. G06F 21/50 (2013.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR SECURELY MANAGING NETWORK CONNECTIONS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE GERER DE MANIERE SECURISEE DES CONNEXIONS DE RESEAU**
[72] ARMSTRONG, JAMES CALVIN, US
[72] CLAYBAUGH, JONATHAN, US
[71] SNOWFLAKE COMPUTING INC., US
[85] 2018-09-20
[86] 2017-03-20 (PCT/US2017/023196)
[87] (WO2017/165288)
[30] US (15/079,849) 2016-03-24

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[51] **Int.Cl. C07D 333/38 (2006.01) B01J 27/08 (2006.01) B01J 27/128 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF HETEROARYL CARBOXYLIC ACIDS**
[54] **PROCEDES DE PREPARATION D'ACIDES CARBOXYLIQUES HETEROARYLES**
[72] WALKER, DANIEL PATRICK, US
[72] MILLER, WILLIAM HAROLD, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023322)
[87] (WO2017/165356)
[30] US (62/312,907) 2016-03-24
[30] US (62/423,357) 2016-11-17

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[13] A1
[51] **Int.Cl. C21C 5/28 (2006.01) C04B 5/00 (2006.01) C21C 1/02 (2006.01) C21C 7/00 (2006.01) C22B 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR ELUTING CALCIUM FROM STEELMAKING SLAG, AND METHOD FOR COLLECTING CALCIUM FROM STEELMAKING SLAG**
[54] **PROCEDE D'ELUTION ET DE RECUPERATION DU CALCIUM CONTENU DANS LE LAITIER D'ACIERIE**
[72] FUKUI, YASUSHI, JP
[72] ASABA, AKIHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-09-20
[86] 2018-01-15 (PCT/JP2018/000837)
[87] (WO2018/135439)
[30] JP (2017-006614) 2017-01-18

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[51] **Int.Cl. E04H 15/34 (2006.01) A47B 47/00 (2006.01) E04B 1/19 (2006.01) E04F 10/00 (2006.01) F16B 12/00 (2006.01)**
[25] EN
[54] **STRUCTURE WITH HOLLOW OR PARTIALLY HOLLOW STRUCTURAL ELEMENTS, WITH MODULAR AND IMPROVED SYSTEM OF JOINTS**
[54] **STRUCTURE A ELEMENTS STRUCTURELS CREUX OU PARTIELLEMENT CREUX ET A SYSTEME MODULAIRE ET AMELIORE DE JOINTS**
[72] AMADARDO, GIANFRANCO, IT
[71] ESDRA SRL UNIPERSONALE, IT
[85] 2018-09-20
[86] 2017-02-20 (PCT/IB2017/050951)
[87] (WO2017/145039)
[30] IT (102016000018213) 2016-02-23

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[13] A1
[51] **Int.Cl. B29C 51/26 (2006.01)**
[25] EN
[54] **IMPROVED MOULD FOR PANEL PROCESSING AND METHOD**
[54] **MOULE AMELIORE POUR LE TRAITEMENT DE PANNEAUX ET PROCEDE**
[72] FUMAGALLI, GIUSEPPE, IT
[72] GASTALDI, SERGIO, IT
[71] PERSICO S.P.A., IT
[85] 2018-09-20
[86] 2017-03-15 (PCT/IB2017/051486)
[87] (WO2017/163151)
[30] IT (102016000030370) 2016-03-23

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[21] **3,018,534**
[13] A1
[51] **Int.Cl. B63H 20/32 (2006.01) B63H 20/00 (2006.01) F01P 1/06 (2006.01) F02B 61/04 (2006.01) F02B 67/00 (2006.01) F02N 3/02 (2006.01)**
[25] EN
[54] **OUTBOARD MOTOR**
[54] **MOTEUR HORS-BORD**
[72] HARADA, YOSHIHIRO, JP
[72] MATSUOKA, RYOHEI, JP
[72] ISHIZAKA, KAZUHIRO, JP
[72] SAITO, MINORU, JP
[72] KIMURA, TORU, JP
[72] AIKAWA, NAOKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-09-20
[86] 2016-12-01 (PCT/JP2016/085817)
[87] (WO2017/168839)
[30] JP (2016-072049) 2016-03-31

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[21] **3,018,536**
[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) G01N 15/14 (2006.01) G06K 9/00 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING DEVICE FOR IDENTIFYING BLOOD PARASITES**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGES DESTINE A L'IDENTIFICATION DE PARASITES DU SANG**
[72] ESHEL, YOCHAY SHLOMO, IL
[72] HOURI YAFIN, ARNON, IL
[72] POLLAK, JOSEPH JOEL, IL
[72] BACHAR, NETA, IL
[72] MARCIANO, ANNAEL, IL
[72] LEVY SCHREIER, SARAH, IL
[71] S.D. SIGHT DIAGNOSTICS LTD, IL
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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C08J 3/00 (2006.01) C21D 1/34 (2006.01) C21D 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROCESSING MATERIALS, INCLUDING SHAPE MEMORY MATERIALS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE MATERIAUX, Y COMPRIS DES MATERIAUX A MEMOIRE DE FORME**
[72] KHAN, MOHAMMAD IBRAHEM, CA
[72] ZHOU, YUNHONG NORMAN, CA
[71] SMARTER ALLOYS INC., CA
[22] 2010-08-06
[41] 2011-02-10
[62] 2,770,122
[30] US (61/232,243) 2009-08-07
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[30] CA (PCT/CA2010/001219) 2010-08-06
[30] CA (2,770,122) 2010-08-06

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[21] **3,017,071**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G16H 50/20 (2018.01)**
[25] EN
[54] **SHOWING SKIN LESION INFORMATION**
[54] **AFFICHAGE D'INFORMATIONS RELATIVES A UNE LESION DE LA PEAU**
[72] BUTLER, CHRISTIANO, US
[72] KAPEC, JEFFREY S., US
[72] NAOI, YUKIKO, US
[72] LICALZI, DANIEL, US
[72] WOJTON, MACIEJ, US
[72] ROY, MRINALINI, US
[72] ADRIAN, JOANNA S., US
[71] MELA SCIENCES, INC., US
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[41] 2011-05-12
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[51] **Int.Cl. B32B 5/08 (2006.01) B32B 5/26 (2006.01) B32B 7/02 (2006.01) B32B 17/02 (2006.01) B32B 27/04 (2006.01)**
[25] EN
[54] **SANDWICHED FIBER COMPOSITES FOR BALLISTIC APPLICATIONS**
[54] **COMPOSITES DE FIBRES EN SANDWICH POUR APPLICATIONS BALISTIQUES**
[72] WILENSKI, MARK S., US
[72] KOZAR, MICHAEL P., US
[71] THE BOEING COMPANY, US
[22] 2011-11-10
[41] 2012-06-21
[62] 2,818,387
[30] US (12/969532) 2010-12-15

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[51] **Int.Cl. E05B 47/06 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRIC DOOR STRIKE HAVING A DEAD LATCH RELEASE PLATFORM ACTUATED BY A SPRING LATCH KEEPER AND A SPRING LATCH LIFTER FEATURE**
[54] **GACHE DE PORTE ELECTRIQUE AYANT UNE PLATEFORME DE LIBERATION DE PENE DEMI-TOUR A CRAN D'ARRET ACTIONNEE PAR UN ELEMENT DE RETENUE A RESSORT ET UN ELEMENT DE SOULEVEMENT DE PENE ARESSORT**
[72] SCHEFFLER, DOMINIK, US
[72] SULLIVAN, SCOTT, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2011-12-15
[41] 2012-06-21
[62] 2,821,821
[30] US (61/423657) 2010-12-16

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[21] **3,017,406**
[13] A1
[51] **Int.Cl. A61M 1/28 (2006.01) A61M 39/18 (2006.01)**
[25] EN
[54] **DISPOSABLE COMPONENTS FOR FLUID LINE AUTOCONNECT SYSTEMS AND METHODS**
[54] **COMPOSANTS JETABLES POUR DES SYSTEMES ET DES PROCEDES D'AUTOCONNEXION DE TUYAU DE FLUIDE**
[72] MCGILL, DAVID W., US
[72] SCARPACI, JACOB W., US
[72] DALE, JAMES D., US
[72] HELMORE, SIMON C., US
[72] DEMERS, JASON A., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[22] 2009-01-23
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[30] US (61/011,967) 2008-01-23
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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **AUTOMATICALLY PULSING DIFFERENT ASPIRATION LEVELS TO AN OCULAR PROBE**
[54] **IMPULSION AUTOMATIQUE DE DIFFERENTS NIVEAUX D'ASPIRATION A UNE SONDE OCULAIRE**
[72] RANEY, ROB, US
[72] CLAUS, MICHAEL J., US
[72] GERG, JAMES, US
[72] WONG, WAYNE S., US
[72] KING, DAVID A., US
[72] STAGGS, JAMES W., US
[72] LEE, FRED, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[25] EN
[54] **ANTI-LPS ENRICHED IMMUNOGLOBULIN PREPARATION FOR USE IN TREATMENT AND/OR PROPHYLAXIS OF A PATHOLOGIC DISORDER**
[54] **PREPARATION D'IMMUNOGLOBULINE ENRICHIE ANTI-LPS DESTINEE AU TRAITEMENT OU A LA PROPHYLAXIE DE TROUBLE PATHOGENE**
[72] ILAN, YARON, IL
[72] LALAZAR, GADI, IL
[72] ADAR, TOMER, IL
[72] MIZRAHI, MEIR, IL
[72] BEN-YA'ACOV, AMI, IL
[71] IMMURON LIMITED, AU
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[62] 2,760,096
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[25] EN
[54] **PLANT CO2 SENSORS, NUCLEIC ACIDS ENCODING THEM, AND METHODS FOR MAKING AND USING THEM**
[54] **DETECTEURS DE CO<SB>2</SB> VEGETAL, ACIDES NUCLEIQUES LES CODANT, ET PROCEDES POUR LES PREPARER ET LES UTILISER**
[72] SCHROEDER, JULIAN, US
[72] ISRAELSSON, MARIA, US
[72] KUHN, JOSEF M., US
[72] YANG, YINGZHEN, US
[72] HU, HONGHONG, US
[72] BOISSON-DERNIER, AURELIEN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[51] **Int.Cl. C07K 16/36 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES AGAINST TISSUE FACTOR**
[54] **ANTICORPS HUMAINS DU FACTEUR TISSULAIRE**
[72] VERPLOEGEN, SANDRA, NL
[72] SATIJN, DAVID P. E., NL
[72] HOET, RENE M. A., NL
[72] PARREN, PAUL, NL
[72] VAN DE WINKEL, JAN, NL
[72] BREINHOLT, VIBEKE MILLER, DK
[72] EHRNROOTH, EVA, DK
[72] BAADSGAARD, OLE, DK
[72] VINK, TOM, NL
[72] BLEEKER, WILLEM KAREL, NL
[72] HOUTKAMP, MISCHA, NL
[72] OUDSHOORN, MAROESKA, NL
[72] DE JONG, ROB N., NL
[71] GENMAB A/S, DK
[22] 2009-12-09
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[62] 2,746,101
[30] US (61/201,335) 2008-12-09
[30] DK (PA 2008 01744) 2008-12-09

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[13] A1
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01) A47L 5/32 (2006.01) A47L 9/22 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DES SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[22] 2009-03-20
[41] 2010-09-20
[62] 2,659,212

[21] **3,017,668**
[13] A1
[51] **Int.Cl. G01N 33/566 (2006.01)**
[25] EN
[54] **SCREENING METHODS USING G-PROTEIN COUPLED RECEPTORS AND RELATED COMPOSITIONS**
[54] **PROCEDES DE CRIBLAGE A RECEPTEURS COUPLES A LA PROTEINE G ET COMPOSITIONS APPARENTEES**
[72] GARDELLA, THOMAS J., US
[72] POTTS, JOHN T., JR., US
[72] SHIMIZU, MASARU, JP
[72] ICHIKAWA, FUMIHIKO, JP
[72] JUPPNER, HARALD, US
[72] OKAZAKI, MAKOTO, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] CHUGAI PHARMACEUTICAL CO., LTD., JP
[22] 2008-08-01
[41] 2009-02-05
[62] 2,694,667
[30] US (60/963,117) 2007-08-01
[30] US (60/963,082) 2007-08-02
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[13] A1
[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/12 (2006.01) E04D 1/34 (2006.01) E04D 1/36 (2006.01) E04G 23/03 (2006.01)**
[25] EN
[54] **SHINGLE PATCH FOR HAIL DAMAGE REPAIR OF ASPHALT SHINGLES AND AN INTEGRAL NAIL/DISK STRUCTUTRE FOR ELIMINATING EXPOSED ROOF NAILS**
[54] **PIECE DE BARDEAU DESTINEE A LA REPARATION DE BARDEAUX D'ASPHALTE AYANT SUBI DES DOMMAGES DUS A LA GRELE ET STRUCTURE DE CLOU/DISQUE INTEGRALE DESTINEE A L'ELIMINATION DE CLOUS DE TOITURE EXPOSES**
[72] MATHIESON, THOMAS R., US
[71] MATHIESON, THOMAS R., US
[22] 2017-01-27
[41] 2018-07-27
[62] 2,956,643

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[13] A1
[51] **Int.Cl. A61N 1/362 (2006.01) A61N 1/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **INTRATHORACIC PACEMAKER**
[54] **STIMULATEUR CARDIAQUE INTRATHORACIQUE**
[72] BAR-COHEN, YANIV, US
[72] RAMEN, CHMAIT, US
[72] SILKA, MICHAEL J., US
[72] SKLANSKY, MARK, US
[71] CHILDREN'S HOSPITAL LOS ANGELES, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[22] 2010-06-05
[41] 2010-12-09
[62] 2,764,169
[30] US (61/184,329) 2009-06-05

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[21] **3,017,708**
[13] A1
[51] **Int.Cl. C09B 67/46 (2006.01) C09B 69/00 (2006.01)**
[25] EN
[54] **SELF-DISPERSED PIGMENTS AND METHODS FOR MAKING AND USING THE SAME**
[54] **PIGMENTS AUTO-DISPERSES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CEUX-CI**
[72] SHING, VINCENT, US
[72] SUJEETH, PUTHALATH K., US
[72] KANE, JOHN P., US
[72] OUELLETTE, DANIEL A., US
[72] ULRICH, MARCK, US
[72] BOGOMOLNY, MICHAEL, US
[71] SENSIENT COLORS LLC., US
[22] 2008-08-22
[41] 2009-02-26
[62] 2,697,966
[30] US (60/957,596) 2007-08-23

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[21] **3,017,717**
[13] A1
[51] **Int.Cl. A61K 47/66 (2017.01) A61P 3/00 (2006.01)**
[25] EN
[54] **USE OF PTEN-LONG LEADER SEQUENCE FOR TRANSMEMBRANE DELIVERY OF MOLECULES**
[54] **UTILISATION DE LA SEQUENCE DE TETE DE LA LONGUEUR DU PTEN DANS L'ADMINISTRATION TRANSMEMBRANAIRE DE MOLECULES**
[72] PARSONS, RAMON, US
[71] THE TRUSTEES OF COLUMBIA UNIVERISTY IN THE CITY OF NEW YORK, US
[22] 2011-02-17
[41] 2011-08-25
[62] 2,790,046
[30] US (61338377) 2010-02-17

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[13] A1
[51] **Int.Cl. E04H 12/22 (2006.01) E04H 17/22 (2006.01) E04F 11/18 (2006.01)**
[25] EN
[54] **POST HOLDER**
[54] **SUPPORT DE MONTANT**
[72] ANTINOLFI, JOHN, CA
[71] SEGURO ALUMINUM RAILINGS INC., CA
[22] 2016-05-04
[41] 2017-11-04
[62] 2,928,680
[30] CA (2,928,680) 2016-05-04

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[21] **3,017,730**
[13] A1
[51] **Int.Cl. A01D 34/00 (2006.01) G07C 5/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AND CONTROLLING ACTIVITIES OF AT LEAST ONE GARDENING TOOL WITHIN AT LEAST ONE ACTIVITY ZONE**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE D'ACTIVITES AU MOINS D'UN APPAREIL DE JARDINAGE DANS AU MOINS UNE ZONE D'ACTIVITE**
[72] KOHLER, MORITZ, CH
[72] BOLLIGER, PHILIPP, CH
[72] BACHMANN, LUKAS, CH
[71] HUSQVARNA AB, SE
[22] 2014-07-15
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[62] 2,918,406
[30] DE (10 2013 107 492.8) 2013-07-15

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[21] **3,017,849**
[13] A1
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **A SYSTEM FOR VARIABLE-RATIO BLENDING OF MULTIPLE AGRICULTURAL PRODUCTS FOR DELIVERY VIA A PORTED OPENER**
[54] **SYSTEME POUR LE MELANGE A PROPORTION VARIABLE DE PLUSIEURS PRODUITS AGRICOLES POUR DISTRIBUTION PAR L'INTERMEDIAIRE D'UN ORGANE D'OUVERTURE A ORIFICES**
[72] RESENGREN, COLIN MARK, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] WILSON, GORDON BLAIR, CA
[71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
[22] 2013-05-13
[41] 2014-11-20
[62] 2,912,449

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[13] A1
[51] **Int.Cl. H04W 24/04 (2009.01) H04W 24/06 (2009.01) H04B 17/309 (2015.01) H04B 7/02 (2018.01)**
[25] EN
[54] **AUTOMATIC MAPPING AND HANDLING PIM AND OTHER UPLINK INTERFERENCES IN DIGITAL DISTRIBUTED ANTENNA SYSTEMS**
[54] **MAPPAGE AUTOMATIQUE ET GESTION DE PIM ET AUTRES INTERFERENCES DE LIAISON MONTANTE DANS DES SYSTEMES D'ANTENNE NUMERIQUES REPARTIS**
[72] HASARCHI, ABRAHAM, IL
[72] MEIR, AMIR, IL
[71] AXELL WIRELESS LTD., GB
[22] 2015-09-22
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[13] A1
[51] **Int.Cl. B21K 7/08 (2006.01) B21K 7/02 (2006.01) B21K 7/10 (2006.01) E01B 9/40 (2006.01)**
[25] EN
[54] **HOT FORGED TIE PLATE FOR RAILROAD**
[54] **SELLE DE RAIL FORGEE A CHAUD DESTINEE A UN CHEMIN DE FER**
[72] YOUNG, PATRICK, US
[72] GU, ZHENG, US
[71] YANGTZE RAILROAD MATERIALS, US
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[41] 2018-02-24
[62] 2,943,129
[30] US (15/245781) 2016-08-24

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[13] A1
[51] **Int.Cl. B67D 7/54 (2010.01) B67D 7/36 (2010.01) B67D 7/42 (2010.01)**
[25] EN
[54] **LOW EMISSION FLUID TRANSFER DEVICE**
[54] **APPAREIL DE TRANSFERT DE FLUIDE A FAIBLE EMISSION**
[72] HOFFMAN, ALEX L., US
[72] BLANCHARD, FREDERICK W., US
[71] MARSHALL EXCELSIOR COMPANY, US
[22] 2009-02-13
[41] 2010-02-01
[62] 2,654,081
[30] US (12/184,752) 2008-08-01

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL RESPIRATOIRE**
[72] WHITE, CRAIG KARL, NZ
[72] VAN BEURDEN, JASON PETER, NZ
[72] O'DONNEL, KEVIN PETER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2004-05-28
[41] 2004-11-30
[62] 2,915,201
[30] NZ (526362) 2003-05-30

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[51] **Int.Cl. C11B 5/00 (2006.01) A23D 9/007 (2006.01) A23D 9/06 (2006.01) A61K 36/53 (2006.01) A61P 3/00 (2006.01) A23L 33/105 (2016.01) A23L 33/115 (2016.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING LIPID COMPOSITION**
[54] **COMPOSITIONS ET PROCEDES DESTINES A MODULER LA COMPOSITION LIPIDIQUE**
[72] NEWMAN, ROBERT A., US
[72] YANG, PEIYING, US
[72] SCHULICK, PAUL, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] NEW CHAPTER, INC., US
[22] 2010-05-28
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[62] 2,763,041
[30] US (61/213,334) 2009-05-29
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CIGAN, ANDREW MARK 3,018,430
CISNEROS, ANSELMO T. 3,018,440
CISNEROS, ANSELMO T., JR. 3,018,386
CISNEROS, ANSELMO T., JR. 3,018,388
CISNEROS, ANSELMO T., JR. 3,018,444
CJ CHEILJEDANG CORPORATION 3,017,944
CLAEYS, AURELIEN 3,018,267
CLARK EQUIPMENT COMPANY 3,017,597
CLAUSEN, MARTIN 3,018,425
CLAYBAUGH, JONATHAN 3,018,522
CMBLU PROJEKT AG 3,017,989
CMBLU PROJEKT AG 3,017,991
COBURN, CHARLES 3,017,876
COHEN, IRA S. 3,018,150
COHEN, WILLIAM ERWIN 3,018,490
COINPLUG, INC. 3,017,893
COLNAGHI, LUCA 3,018,295
COLWELL, JAMES F. 3,018,499
COMANZO, HOLLY ANN 3,018,490
COMISO, SCOTT 3,018,426
COMPLETION INNOVATIONS, LLC 3,017,937
CONNECTEDYARD, INC. 3,018,108
CONWAY, BILL 3,018,251
COOLEY, BRADFORD H. 3,018,113
COOP, JAMES ROBERT 3,018,417
COOP, JAMES ROBERT 3,018,418
CORBET, SOPHIE 3,017,957
CORBIN, ROBERT A. 3,018,444
CORDONNIER, GENEVIEVE 3,018,133
CORLETO, CARLOS R. 3,018,061
CORLEY, JOHN D. 3,018,499
CORNELL UNIVERSITY 3,017,954
CORNING INCORPORATED 3,018,211
CORREA, JORGE CARLOS 3,018,204
CORRIGAN, SEAN 3,018,217
CORSON, MATHEW SCOTT 3,018,166
COUTELLIER, NICOLAS 3,018,207
COWIE, JOCELYN WALKER 3,018,094
COX, BLAKE R. 3,017,937
COX, THOMAS DAVID 3,018,223
CREO MEDICAL LIMITED 3,018,141
CRH CONCRETE A/S 3,018,030
CRISP, ROBERT JOHN 3,018,187
CROMPTON, DAVID B. 3,018,105
CROSS, DAVID 3,018,250
CROWLEY, BRENDAN M. 3,018,185
CSP TECHNOLOGIES, INC. 3,017,933
CURUTCHET, ARNAUD 3,017,702
CUSHNER, FRED 3,017,932
CUTHBERTSON, MELISSA 3,018,136
CZERWINSKI, KEN 3,018,386
CZERWINSKI, KEN 3,018,388
D'AGOSTINO, WILLIAM L. 2,830,961
DA SILVA, PAULO 3,018,300
DAEWOONG PHARMACEUTICAL CO., LTD. 3,018,493
DAGON, YOSSI 3,018,272
DAHL, JACOB CHARLES 3,018,401
DAIICHI SANKYO COMPANY, LIMITED 3,018,316
DAK AMERICAS LLC 3,018,421
DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES 3,017,993
DAMAGHI, DANIEL M. 3,018,142
DAMIEN, CHRISTOPHER 3,018,247
DANA-FARBER CANCER INSTITUTE, INC. 3,018,270
DANA-FARBER CANCER INSTITUTE, INC. 3,018,332
DANA-FARBER CANCER INSTITUTE, INC. 3,018,429
DANA-FARBER CANCER INSTITUTE, INC. 3,018,434
DANG, KIEM H. 3,017,979
DANIELS, ANDREW R. 3,018,063
DARTEIL, RAPHAEL 3,018,133
DARVEAUX, BETTINA 3,018,098
DASGUPTA, ANINDYA 3,018,131
DAUM, KARL-HEINZ 3,018,017
DAVIDSON, BEVERLY L. 3,018,076
DAVIS, DAVID 3,018,217
DE GAILLARD, THOMAS ALAIN 3,018,448
DE NORA PERMELEC LTD 3,018,074
DEAKIN UNIVERSITY 3,018,447
DEANGELIS, DOUGLAS J. 3,018,090
DEBROCK, MATT E. 3,018,499
DEIN, KEVIN 3,017,706
DELAMEILLEURE, STEPHANE 3,017,957
DELCHAMBRE, FLORENCE 3,018,158
DEMONT, EMMANUEL HUBERT 3,018,275
DENTON, DANA L. 3,018,393
DENTON, MARSHALL T. 3,018,393
DENTSPLY SIRONA INC. 3,018,247
DEONI, SEAN 3,017,842
DEPARTMENT OF BIOTECHNOLOGY 3,018,129
DESAKI, AIMEE L. 3,017,932
DESCHAMPS, MARC 3,018,099
DESHPANDE, SACHIN G. 3,018,476
DETERING, JUERGEN 3,017,788
DEWA, HARUTADA 3,018,045
DEWITT, WILLIAM JOHN 3,018,084
DIAS, LIBARDO OCHOA 3,018,105
DICERNA PHARMACEUTICALS, INC. 3,017,963
DIEBOLD, ERIC 3,018,065
DILLEY, RODNEY 3,018,447
DIMENSION THERAPEUTICS, INC. 3,018,380
DING, DONG 3,018,128
DING, JIUDONG 3,018,140
DING, LIN 3,018,199
DIOP, SEYDOU 3,018,080
DOBRAWA, RAINER 3,018,136
DOLMANSLEY, TIMOTHY 3,018,441
DOMENYUK, VALERIY 3,018,066
DOMINIK, TOMASZ T. 3,018,063
DONALDSON COMPANY, INC. 3,018,254
DONATO, ANTHONY 3,018,311
DONDERICI, BURKAY 3,018,161
DONDERICI, BURKAY 3,018,314
DONG, YUNLONG 3,018,140
DONG, YUNLONG 3,018,404
DONNELLY, RICHARD 3,018,335
DOOLIN, ELIZABETH 3,018,081
DORR, MARTIN 3,018,023
DOUGLAS, JEFFREY P. 3,018,249
DOW GLOBAL TECHNOLOGIES LLC 3,017,948

DOW GLOBAL TECHNOLOGIES LLC 3,017,949
DOW GLOBAL TECHNOLOGIES LLC 3,017,957
DOW GLOBAL TECHNOLOGIES LLC 3,017,981
DOW GLOBAL TECHNOLOGIES LLC 3,018,497
DOW TECHNOLOGY INVESTMENTS LLC 3,018,072
DRACH, JOY PARR 3,018,204
DRAGON FAB-TECH, LLC 3,017,904
DRAPEAU, PAUL MATTHEW 3,017,941
DROTT, JOHAN 3,018,285
DROTT, KRISTINA 3,018,285
DRUBETSKY, LEV 2,830,961
DSM IP ASSETS B.V. 3,018,431
DU, FANGMING 3,018,490
DU, HAITAO 3,017,981
DUBE, BLAKE 3,017,589
DUBE, SIMANT 3,018,381
DUBUQUE, WILLIAM J. 3,017,986
DUDLEY, TIMOTHY A. 3,017,938
DUFF, STEPHEN M. 3,018,098
DUFFY, JOSEPH L. 3,018,185
DUKES AEROSPACE, INC. 3,018,212
DUMA, VIOREL 3,018,318
DUNBAR, WILLIAM B. 3,017,982
DUNBAR, WILLIAM B. 3,018,069
DUNLAP, RICHARD 3,018,258
DUNN, CHADWICK M. 3,018,093
DUNN, STEVEN BRYAN 3,018,320
DUONG, TIEN T. 3,017,967
DUPONT, DAVID 3,017,987
DUPUY-CORNUAILLE, CAMILLE 3,018,158
DYKSTRA, JASON D. 3,018,313
DYSON, PAUL 3,017,800
EAR SCIENCE INSTITUTE AUSTRALIA 3,018,447
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 3,017,800
EDGEWELL PERSONAL CARE BRANDS 3,018,078
EDGEWELL PERSONAL CARE BRANDS, LLC 3,018,198
EDITAS MEDICINE, INC. 3,017,956
EDWARDS, R. MITCHEL 3,018,401
EFTEKHARI, AMIR 3,018,329
EGNER, RUDOLF 3,017,990
EIGEN, NICO 3,018,415
EILERS, DANIEL J. 3,017,955
EKLUND, SCOTT 3,018,108
EL-DASHER, BASSEM S. 3,018,386
EL-DASHER, BASSEM S. 3,018,388
ELC MANAGEMENT LLC 3,018,146
ELEMENTAL LED, INC. 3,017,928
ELEVANCE RENEWABLE SCIENCES, INC. 3,017,876
ELI LILLY AND COMPANY 3,018,068
ELLINGER, PHILIPP 3,018,425
ELWELL, JOSEPH 3,018,329
ENDERS, MICHAEL 3,017,636
ENGSTROM, ULF 3,017,996
EPPLER, WILLIAM G., JR. 3,017,946
EPSILION LIMITED 3,018,420
ERICKSON, LUKE 3,018,324
ESDRA SRL UNIPERSONALE 3,018,532
ESHEL, YOCHAY SHLOMO 3,018,536
ESPER, CLAUDIA 3,017,788
ETHICON, INC. 3,017,590
ETHICON, LLC 2,830,961
EVANSEN, EDWARD G. 3,018,090
EVONIK DEGUSSA GMBH 3,017,990
EVONIK ROHM GMBH 3,017,636
EWING, DONALD 3,018,317
EXCISION BIOTHERAPEUTICS, INC. 3,018,289
EXCISION BIOTHERAPEUTICS, INC. 3,018,294
EXOIQ GMBH 3,018,027
EXPRO NORTH SEA LIMITED 3,018,471
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,018,499
F. HOLZER GMBH 3,018,015
FAIRFIELD, NATHANIEL 3,018,184
FALER, DENNIS L. 3,018,168
FAN, LIQIANG 3,017,981
FANTIN, NICOLE 3,017,987
FARLEY, IAIN 3,018,471
FARLEY, ROBERT W. 3,018,298
FARLEY, ROBERT W. 3,018,301
FEDERAL-MOGUL MOTORPARTS LLC 3,017,911
FEDORA, JOSEPH 3,018,078
FEI, ZHAOFU 3,017,800
FENDER, PASCAL 3,018,427
FENG, YADONG 3,018,404
FERNANDES, MARY 3,018,098
FFRENCH-MULLEN, JARLATH 3,017,749
FIFE, KEITH G. 3,018,387
FILIPPI, ERMANNO 3,017,633
FILIPPI, ERMANNO 3,018,442
FIMBRION THERAPEUTICS, INC. 3,018,345
FINA TECHNOLOGY, INC. 3,018,061
FINCH, STEVEN 3,018,452
FINDLAY, BRENT MICHAEL 3,017,953
FINLAY, HEATHER 3,018,346
FIORITI, LUANA 3,018,295
FISHER CONTROLS INTERNATIONAL LLC 3,017,955
FISHER, JANET 3,018,013
FLEURY, MARC 3,018,112
FLORES-FIGUEROA, AARON 3,018,136
FLOWERS, DAN 3,018,386
FLOWERS, DANIEL 3,018,440
FLOWERS, DANIEL 3,018,444
FLOWTECH KITCHEN & BATHROOM TECHNOLOGY CO., LTD 3,018,407
FOCHON PHARMACEUTICALS, LTD. 3,018,115
FONTAINE HOLDINGS NV 3,018,273
FORD, ANTHONY P. 3,018,180
FOURNEL, THIERRY 3,018,041
FRANCOIS, EDOUARD 3,017,994
FRANKE, ALOIS J. 3,017,840
FRECH, TRACY 3,018,311
FREEMAN, CHARLES GREGORY 3,018,386
FREEMAN, CHARLES GREGORY 3,018,440
FREEMAN, CHARLES GREGORY 3,018,444
FRESH CHILL SOLUTIONS, INC. 3,018,084
FRISSON, CHRISTIAN 3,017,999
FROBOSE, THOMAS 3,018,020
FROEHLICH, ALLAN 3,018,013
FRUTH, ANDREA 3,017,636
FUCHS, YANNICK 3,017,788
FUJIEDA, HIROAKI 3,018,164
FUJIFILM CORPORATION 3,018,486
FUJITA, TAKAYUKI 3,017,711
FUJITA, TAKAYUKI 3,017,714
FUJITA, TAKAYUKI 3,018,154
FUKUI, YASUSHI 3,018,530
FULLER, TIMOTHY 3,018,485
FUMAGALLI, GIUSEPPE 3,018,533
FUNPEP CO., LTD. 3,018,482
FUTAMURA, AKIKA 3,018,047
FYFE, KIPLING WILLIAM 3,017,924
GABOR, PHILIP MICHAEL 3,018,432
GANESH, SHANTHI 3,017,963
GANGLIN, CHEN 3,018,181
GAO, CHENG 3,018,265
GAO, PENG 3,017,594
GARCIA MOLINA, VERONICA 3,017,957
GARCIA, MARK 3,018,391
GARST, MICHAEL E. 3,017,967
GARZONI, FREDERIC 3,018,427
GASTALDI, SERGIO 3,018,533
GB PHARMA S.R.L. 3,018,024
GE OIL & GAS PRESSURE CONTROL LP 3,018,171
GE OIL & GAS PRESSURE CONTROL LP 3,018,485
GE, JIAN 3,018,402
GE, QINGJIE 3,017,993
GEBO CERMEX CANADA INC. 3,018,031
GEBO CERMEX CANADA INC. 3,018,032
GEGE, CHRISTIAN 3,018,026
GEIGLE, PETER 3,017,989
GEIGLE, PETER 3,017,991
GEIST, KEVIN 3,017,899
GEISTLICH PHARMA AG 3,018,145
GENCLIS 3,018,114
GENENTECH, INC. 3,018,406
GENERAL ELECTRIC COMPANY 3,018,490
GENFIT 3,018,132
GENFIT 3,018,133
GEODYNAMICS, INC. 3,018,195
GEORGETOWN UNIVERSITY 3,017,958
GEORGIA TECH RESEARCH CORPORATION 3,018,497
GERFER, ALEXANDER 3,018,104
GESTER, RAIMO 3,018,315

GEVER, JOEL R. 3,018,180
GIBSON, DANIEL G. 3,018,199
GIRAUD, JEAN-PIERRE 3,017,933
GIROUARD, JONIE M. 3,018,037
GIROUARD, MICHAEL P. 3,018,037
GISLAIN, JON F. 3,018,499
GLASS, JOHN I. 3,018,199
GLAVIN, PAUL 3,018,111
GLAVLOC BUILD SYSTEMS LIMITED 3,018,111
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 3,018,275
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,017,796
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,018,014
GNADE, BRUCE E. 3,018,214
GOLDMAN, BARRY S. 3,018,098
GOODWIN, EDWARD RAY, JR. 3,018,336
GOODWIN, JAMES 3,018,136
GOPALAN, RANGANATHAN 3,017,918
GOPALAN, RANGANATHAN 3,017,942
GORDON, SHAELYN 3,018,179
GORI, JENNIFER LEAH 3,017,956
GORMAN GROUP LLC 3,018,203
GOSS, JANET M. 3,017,948
GOSS, JANET M. 3,017,949
GOTTESMAN, OMRI 3,018,186
GPCP IP HOLDINGS LLC 3,018,401
GRACIES, JEAN-MICHEL 3,018,018
GRANEK, FILIP 3,018,117
GRANGER, MAURICE 2,998,925
GRASSA, GIOVANNI 3,017,630
GRAVEKAMP, CLAUDIA 3,018,308
GRAY, NATHANAEL 3,018,429
GRAY, NATHANAEL 3,018,434
GRECO, PAUL M. 3,017,930
GREGORY, KARL 3,017,775
GRESHOCK, THOMAS J. 3,018,185
GRIFFITH, CARA L. 3,018,098
GRIFFITH, NATHAN 3,018,038
GRIMM, AXEL 3,018,424
GRINBERG, ASYA 3,018,272
GROENENDIJK, THIJS 3,017,839
GROSS, JEFFREY M. 2,830,961
GROSS, JEFFREY M. 3,017,932
GROSZ, JOHN WILLIAM 3,018,401
GRUNENTHAL GMBH 3,018,011
GRUNENTHAL GMBH 3,018,012
GU, QIONG 3,018,131
GUARDIAN GLASS, LLC 3,018,343
GUIADEEN, DEODIAL G. 3,018,185
GUIZARD, NICOLAS 3,017,697
GULATI, POONAM S. 3,017,979
GULNIK, SERGEI 3,018,125
GUNN, MATTHEW 3,017,980
GUNTNER, JOCHEN 3,018,017
GUO, DEREK 3,018,396
GUO, DEREK 3,018,399
GUO, JAMES 3,018,396
GUO, JAMES 3,018,399
GUO, QIUQUAN 3,018,405
GUO, ZUOJUN 3,017,972
GUSTAFSSON, NILS OVE 3,018,043
HABEGGER, LUKAS 3,018,186
HACK, CORNELIS ERIK 3,018,124
HAGERWALL, ANNELI EDSTROM 3,017,836
HAINING, WILLIAM NICHOLAS 3,018,332
HALBROOK, COURTLAND J. 3,017,959
HALLIBURTON ENERGY SERVICES, INC. 3,017,851
HALLIBURTON ENERGY SERVICES, INC. 3,018,161
HALLIBURTON ENERGY SERVICES, INC. 3,018,313
HALLIBURTON ENERGY SERVICES, INC. 3,018,314
HALLMANN, MARITA 3,018,257
HALSTEAD, JOSHUA 3,018,200
HAMILL, DEBORAH LYNN 3,017,977
HAMILL, DENNIS W. 3,017,977
HAMMERGLASS AB 3,018,413
HAMMERSCHMIDT, JORG 3,018,017
HAN, CHAN 3,017,949
HAN, XIAOLE 3,018,410
HANCOCK, ASHLEY PAUL 3,018,014
HANCOCK, CHRISTOPHER PAUL 3,018,141
HANF, REMY 3,018,132
HANNAMAN, ANDREW W. 3,018,223
HAO, JIHONG 3,017,940
HARADA, YOSHIHIRO 3,018,534
HARDESTY, JOHN T. 3,018,195
HARLEV, OHAD 3,018,142
HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED 3,018,039
HARRIS, DANIEL J. 3,018,085
HARRIS, DANIEL J. 3,018,093
HARRIS, MICHAEL J. 3,017,961
HARRISON, LEE ANDREW 3,018,275
HARRISON, NOAH JAMES 3,018,194
HARRISON, WILLIAM JAMES 3,018,182
HARTE, WINSLOW T. 3,017,932
HARTMAN, ADAM 3,018,223
HARTWIG, JAN 3,017,989
HARVEY, ANDREW JOHN 3,018,185
HASSLER, CARLA 3,018,344
HATHERILL, MARK A. 3,018,320
HATLEY, RICHARD JONATHAN DANIEL 3,017,796
HAUGEN, JACOB 3,017,597
HAUPTS, MARCEL 3,018,011
HAUPTS, MARCEL 3,018,012
HAUSER, JONAS 3,017,842
HAVAEI, MOHAMMAD 3,017,697
HAVSTAD, MARK A. 3,018,386
HAVSTAD, MARK A. 3,018,440
HAVSTAD, MARK A. 3,018,444
HAWLEY, RONALD CHARLES 3,018,180
HAY, CATHERINE 3,018,216
HAYASHI, KENJI 3,018,310
HEBER, KEVIN 3,018,039
HEDVALL, CHRISTOFER 3,018,020
HEIJNEN, MARTIN 3,018,122
HEIKKILA, JUHAMATTI 3,018,123
HEIM, FRANK 3,018,054
HEIM, MATTHIAS 3,017,953
HEINECK, TOBIAS M. 3,018,204
HELLER, DANIEL A. 3,017,982
HELSETH, NICHOLAS H. 3,017,932
HENDRICKS, JOSEPH W. 3,017,959
HENDRIX, HEIDI FRANCES 3,018,217
HENKEL AG & CO. KGAA 3,017,953
HENNING, TIMOTHY P. 3,018,093
HENNINGSEN, BROOKS 3,018,013
HENNION, ALEXANDRE 3,018,207
HERBACH, JOSHUA SETH 3,018,184
HERMAN, CHRISTOPHER TAYLOR 3,018,485
HERMAN, TIMM RANDAL 3,017,953
HERMANSON, KEVIN DAVID 3,018,131
HERRIN, DAVID A. 3,017,932
HERSHEY, BRADLEY L. 3,018,488
HESSLER, JOHN 3,018,497
HEXAGON TECHNOLOGY AS 3,018,397
HEYSE, JOHN V. 3,018,318
HICKCOX, MATT 3,018,379
HIGH, DONALD R. 3,017,959
HIGH, DONALD R. 3,018,209
HIGH, DONALD R. 3,018,325
HIGH, DONALD R. 3,018,521
HILDEBRAND, JENS 3,017,990
HIRD, JAMES 3,018,441
HIRONAKA, AKIRA 3,018,162
HOCKETT, MITCHELL 3,018,204
HOEINK, TOBIAS 3,018,062
HOGANAS AB (PUBL) 3,017,996
HOK, BERTIL 3,018,315
HOLCOMB, GLEN W. 3,017,937
HOLLINGSWORTH, WILLIAM D. 3,017,946
HOLZER, DOMINIK 3,018,000
HOLZER, FRANK 3,018,015
HONDA MOTOR CO., LTD. 3,018,149
HONDA MOTOR CO., LTD. 3,018,310
HONDA MOTOR CO., LTD. 3,018,534
HONG, JAY WU 3,017,893
HONGO, TOMOKO 3,018,047
HOOYKAAS, PAUL 3,018,306
HORHOTA, ALLEN 3,018,292
HORNUNG, TASSILO 3,018,066
HORRELL, MICHAEL 3,018,378
HOSAKA, TETSURO 3,018,149
HOU, ZHENGLIN 3,018,430
HOURI YAFIN, ARNON 3,018,536
HOWARD, BRIAN EDWARD 3,017,734
HU, BINGSHAN 3,018,259
HU, BINGSHAN 3,018,268
HU, ZHAOQING 3,018,140
HU, ZHAOQING 3,018,404
HUANG, PENG 3,018,221
HUANG, SHIH-MIN 3,018,406

HUAWEI TECHNOLOGIES CO., LTD. 3,018,392
HUBBELL INCORPORATED 3,018,080
HUBBELL INCORPORATED 3,018,319
HUBERT, RENAUD-ROLAND 3,018,184
HUDSON, RICHARD D. 3,018,336
HUELSKOETTER, FRANK 3,018,136
HUFF, BELINDA C. 3,018,185
HUGHES NETWORK SYSTEMS, LLC 3,017,923
HUGON, CEDRIC 3,018,183
HULL, KENNETH 3,018,192
HULLER, MIRKO 3,017,639
HUNTER, WILLIAM L. 2,830,961
HUNTER, WILLIAM L. 3,017,932
HUTCHISON, CLYDE A., III 3,018,199
HUTTER, PATRICK 3,018,032
HUYNH, NANCY 3,018,222
HYDRASHOCK, LLC 3,017,919
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 3,018,415
HYPERFINE RESEARCH, INC. 3,018,183
I-SOLAR ENERGY CO., LTD. 3,018,483
IBC HOTELS LLC D/B/A IBC HOSPITALITY TECHNOLOGIES 3,017,947
IBIQUITY DIGITAL CORPORATION 3,017,912
IBRAHIM, PRABHA 3,018,180
IBRAHIM, PRABHA N. 3,017,972
ICHOR MEDICAL SYSTEMS, INC. 3,018,223
IFETCH, LLC 3,017,977
IFP ENERGIES NOUVELLES 3,018,112
IGLESIAS, JOSE 3,018,081
IHC DESIGN, LLC 3,018,481
IHI CORPORATION 3,017,705
IMAGIA CYBERNETICS INC. 3,017,697
IMAKAWA, KAZUNARI 3,018,162
IMMUNOCORE LIMITED 3,018,467
IMMUTRIX THERAPEUTICS, INC. 3,018,191
INDENA S.P.A. 3,017,791
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL 3,018,129
INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY 3,018,493
INGERSOLL, DANIEL 3,018,050
INKPEN, STUART 3,018,251
INNOGY SE 3,017,960
INNOMASK TECHNOLOGIES KFT. 3,018,144
INNOVATIVE MOLECULES GMBH 3,018,026
INOUE, SAYAKA 3,018,151
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,018,126
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,018,419
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,018,443
INSTITUT PASTEUR DE LILLE 3,018,126
INSTITUT POLYTECHNIQUE DE GRENOBLE 3,018,099
INSTRUMAR LIMITED 3,018,251
INTERDIGITAL VC HOLDINGS, INC. 3,017,994
INTUIT INC. 3,017,646
INTUIT INC. 3,018,196
INTUIT INC. 3,018,329
INTUIT INC. 3,018,437
ION GEOPHYSICAL CORPORATION 3,017,938
IPSEN BIOPHARM LIMITED 3,018,018
ISAACSON, S. RAY 3,018,172
ISAACSON, S. RAY 3,018,508
ISAJI, MITSUKO 3,018,152
ISHIHARA, KENTARO 3,018,486
ISHIZAKA, KAZUHIRO 3,018,534
ISLAM, MUHAMMAD NAZMUL 3,017,934
ISLAM, MUHAMMAD NAZMUL 3,018,178
ISOLYNX, LLC 3,018,090
ITO, KAORI 3,018,316
IWAMOTO, OSAMU 3,018,316
IWASAKI, NORIMASA 3,018,152
JACKSON, CRYSTAL LYLES 3,018,058
JACOB, CHRISTOPHE 3,018,146
JACOBS, JOHN 3,017,995
JACOBS, JOHN 3,017,997
JACOBS, JOHN 3,017,998
JACOTOT, ETIENNE 3,018,419
JACQUENET, SANDRINE 3,018,114
JAIN, PARTH 3,018,104
JANES, MARK 3,018,108
JANETKA, JAMES, W. 3,018,345
JANG, WOON KYU 3,015,742
JANSEN, NINA 3,018,425
JANSSEN VACCINES & PREVENTION B.V. 3,018,139
JANSSEN, HARTMUT 3,018,415
JANUSZIEWICZ, RIMA 3,018,148
JENKINS, RICHARD P. 3,018,391
JENSEN, ERIK J. 3,018,204
JERN, SVERKER 3,018,043
JIANG, FAN 3,017,988
JIANG, QINYAO 3,018,149
JIANG, SIYUAN 3,017,981
JIANG, TIANGUI 3,018,404
JIANG, WEN 3,018,346
JIN, JING 3,017,754
JIN, XIAOMING 3,018,247
JLG INDUSTRIES, INC. 3,018,261
JOENS, OLAF 3,018,436
JOENSUU, IIRIS 3,018,449
JOHNS, CHRISTOPHER J. 3,018,386
JOHNS, CHRISTOPHER J. 3,018,440
JOHNS, CHRISTOPHER J. 3,018,444
JOHNS, JEFF 3,018,318
JOHNSON, ALAN JOSEPH 3,018,401
JOHNSON, BRETT W. 3,018,085
JOHNSON, DONALD MIKE 3,018,317
JOHNSON, JAMES A. 3,018,346
JOHNSON, JAMES J. 3,018,336
JOHNSON, MICHAEL ERIC 3,018,317
JONES, KEVIN DEWAYNE 3,017,919
JONES, NATHAN G. 3,018,325
JORDAN, JENNIFER TAMAKI 3,018,168
JUDSON, JARED ALDEN 3,018,068
JULIANO, DAN 3,018,326
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,018,435
JUNG, BYUNGHOO 3,017,952
K&N ENGINEERING, INC. 3,018,376
KABUSHIKI KAISHA NIHON MICRONICS 3,018,045
KAHAKI, HAMID EBRAHIMI 3,017,924
KAJARIA, SAURABH 3,018,485
KALLER, MARTIN 3,018,424
KAMEI, YUJI 3,018,074
KAMEYAMA, HIROYUKI 3,018,495
KAMINSKI, JAMES 3,018,332
KANDA, TAKASHI 3,017,866
KANG, YAOWEI 3,018,189
KANG, YONG SUN SIMON 3,018,320
KANNAN, KRISHNA 3,018,199
KANSAI PAINT CO., LTD. 3,017,866
KAPOOR, RAJAT 3,018,421
KARAS, BOGUMIL J. 3,018,199
KARCZEWICZ, MARTA 3,018,197
KARUNANANDAA, BALASULOJINI 3,018,098
KATAGIRI, MASAYUKI 3,018,170
KATO, AKIHIRO 3,018,074
KAWASAKI JUKOGYO KABUSHIKI KAISHA 3,018,074
KAWAUCHI, JUNPEI 3,018,048
KAY, STAN 3,017,923
KEANE, TIMOTHY 3,017,747
KEATING, COLM 3,018,033
KECK, JODY L. 3,018,093
KEENAN, DERMOT 3,017,932
KEISER, MEGAN S. 3,018,076
KELLEHER, BRAIN C. 3,018,440
KELLEHER, BRIAN C. 3,018,386
KELLEHER, BRIAN C. 3,018,388
KELLEHER, BRIAN C. 3,018,444
KELLEY, THOMAS J. 3,018,190
KELLY, HUGH 3,018,033
KEMIRA OYJ 3,018,449
KENNEDY, JOSH 3,018,108
KENNEDY, ROY 3,018,061
KERLIN, WILLIAM M. 3,018,386
KERLIN, WILLIAM M. 3,018,388
KERQUEST 3,018,041
KEZIOS, PETER S. 3,018,421
KIM, EUN MI 3,018,193
KIM, GWANG JE 3,017,723
KIM, JAEYOUNG 3,018,493

KIM, SHIN WON 3,017,723
KIM, SO YOUNG 3,015,742
KIM, TAE SOO 3,018,493
KIMURA, KATSUHIKO 3,018,045
KIMURA, TORU 3,018,534
KING, MATTHEW G. 3,018,430
KINOSHITA, YUJI 3,018,149
KIOI, ERIKO 3,018,316
KIROUAC, DANIEL CHRISTOPHER 3,018,406
KISHIMOTO, AKIRA 3,018,463
KITTO, ALLYSON 3,018,050
KLEO, CHRISTOPHE 3,018,207
KLEYMANN, GERALD 3,018,026
KLOTZ, FRANCK 3,018,031
KLOTZ, FRANCK 3,018,032
KNOPF, JOHN 3,018,272
KOBAYASHI, RYOTA 3,018,245
KOBAYASHI, TSUYOSHI 3,018,245
KOCH, JEFFREY B. 3,018,179
KOCH, RAINHARD 3,018,425
KOCUREK, PATRICK J. 3,017,976
KOGA, SHOTA 3,018,170
KOHLER, ROBERT E. 3,017,881
KOJIMA, MOTOHIRO 3,018,048
KOLTISKO, BERNARD 3,018,247
KON, YUSUKE 3,018,047
KONINKLIJKE PHILIPS N.V. 3,018,260
KOPSIE, ERIC M. 3,017,911
KORKUCH, CHRISTOPHER N. 3,018,182
KOROS, WILLIAM J. 3,018,497
KOSMICKI, RANDY J. 3,017,905
KOTIRANTA, TUUKKA 3,018,028
KOTYRBA, GREGOR 3,017,639
KOZIOL, MICHAEL 3,018,163
KOZONO, SATOKO 3,018,048
KRAEMER, JEFFREY ALBIN 3,017,918
KRAEMER, JEFFREY ALBIN 3,017,936
KRAEMER, JEFFREY ALBIN 3,017,941
KRAEMER, JEFFREY ALBIN 3,017,942
KRAMER, KEVIN 3,018,386
KRAMER, KEVIN 3,018,388
KRAMER, KEVIN 3,018,440
KRAMER, KEVIN 3,018,444
KRAWCZYK, NASTARAN 3,017,989
KRAWCZYK, NASTARAN 3,017,991
KRIKSUNOV, LEO B. 3,017,590
KRISHNAMURTHY, PUSHKALA 3,018,040
KROEGER, BRIAN W. 3,017,912
KROOK, FREDRIK 3,018,413
KRUEGER, KARL MARVIN 3,018,210
KRUMP, LEA 3,018,420
KRUTMANN, JEAN 3,017,648
KRYDA, KENNETH JAMES 3,017,951
KSB SE & CO. KGAA 3,017,780
KTS KOMMUNIKATIONSTECHNIK UND SYSTEME GMBH 3,017,639
KUMAR, RAVINDRA 3,018,272
KUPPERT, DIRK 3,017,990
KURARAY CO., LTD. 3,017,966
KURIAKOSE, SARITHA V. 3,018,098
KURIKAWA, NOBUYA 3,018,316
KWIATKOWSKI, NICHOLAS 3,018,429
KWIATKOWSKI, NICHOLAS 3,018,434
KWON, WOO SUN 3,018,493
KWONG, TUNG CHUEN 3,018,205
KYOTO UNIVERSITY 3,017,871
LAI, ERIC 3,017,749
LAITALA, JOHN PATRICK 3,018,401
LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC 3,018,013
LAMBERTSON, MICHAEL C., JR. 3,018,336
LAMPROPOULOS, FRED 3,018,391
LAN, LIXIN 3,018,410
LAN, QIANG 3,018,040
LANES, OLAV 3,018,433
LANG, JORDAN 3,017,987
LANGEDIJK, JOHANNES PETRUS MARIA 3,018,139
LARIONOV, EVGENY 3,017,989
LARSEN, ATLE NORALF 3,018,433
LARSSON, CAROLINE 3,017,996
LASSERRE, SEBASTIEN 3,017,994
LATKOWSKI, JEFFERY F. 3,018,386
LATKOWSKI, JEFFERY F. 3,018,388
LATKOWSKI, JEFFERY F. 3,018,440
LATKOWSKI, JEFFERY F. 3,018,444
LATTICH, JURGEN 3,017,990
LAW, HENRY HING 3,018,205
LAWRENCE, DAVE 3,017,630
LAWRENCE, R. MICHAEL 3,018,346
LAX, NICHOLAS 3,018,446
LE VAN MAO, RAYMOND 3,018,389
LE, FERRIER 3,017,987
LEADLEY, DAVID 3,018,042
LEADLEY, DAVID 3,018,455
LEADLEY, DAVID 3,018,460
LEAVITT, KENNETH J. 3,018,185
LEE, BYOUNG SUB 3,017,723
LEE, HYECK-HEE 3,018,015
LEE, JAE HUN 3,017,944
LEE, KWAN SOO 3,017,723
LEE, NA HUM 3,017,944
LEKX, DAVID JOHN 3,017,971
LELLI, MARCO 3,018,153
LEMMA, SEBLE 3,018,014
LES EXPLOITATIONS J.Y.B. PAPINEAU INC. 3,018,389
LESAFFRE ET COMPAGNIE 3,018,158
LEVINE, AMIR 3,018,295
LEVY SCHREIER, SARAH 3,018,536
LEWIS, DAVID 3,018,327
LEWIS, DEBORAH 3,018,327
LEYE, JOHANN 3,017,840
LEYTON, JEFFREY VICTOR 3,017,950
LI, BINGJUN 3,018,422
LI, CHAOJUN 3,018,392
LI, DONGHONG 3,017,920
LI, DONGSHENG 3,018,402
LI, GANG 3,018,140
LI, GANG 3,018,404
LI, HAIYING 3,018,404
LI, HONG XIAN 3,017,944
LI, JUNYI 3,017,934
LI, JUNYI 3,018,178
LI, MENG 3,017,984
LI, MENG 3,018,400
LI, QIANG 3,018,221
LI, TONGSHUANG 3,018,115
LI, WEI 3,017,988
LI, YI 3,018,467
LI, YUNFEI 3,018,402
LI, ZHIFU 3,018,115
LIANG, DENNIS 3,018,378
LIANG, YANKE 3,018,429
LIANG, YANKE 3,018,434
LIBUS, ANNA ELIZAVETA 3,018,173
LIFE TECHNOLOGIES CORPORATION 3,017,987
LIM, KUN TAEK 3,017,723
LIN, CHEN-YONG 3,017,958
LIN, HAINING 3,018,430
LIN, JACK 3,017,972
LIN, JONATHAN 3,018,065
LIN, JUSTIN KRISTOPHER 3,018,485
LIN, SIANG-YO 3,017,958
LINDHOFER, HORST 3,017,843
LINES, AUSTIN 3,018,093
LINFIELD, DANA 3,018,251
LIQUID RARITY EXCHANGE, LLC 3,017,969
LISSECK, LUTZ 3,017,985
LITTICH, RYAN 3,017,876
LITVIN, ARIEL 3,018,142
LIU, BIN 3,018,115
LIU, JUNQIANG 3,017,948
LIU, JUNQIANG 3,017,949
LIU, LEI 3,018,402
LIU, QIHONG 3,018,115
LIU, SIQI 3,018,265
LIU, SONGYONG 3,017,988
LIU, XU 3,018,069
LJUNGBLAD, JONAS 3,018,315
LOCHT, CAMILLE 3,018,126
LOEBER, GEORGE H. 3,018,070
LOIDA, PAUL J. 3,018,098
LONGO, MICHAEL A. 3,018,182
LOVETT, MATTHEW 3,017,599
LU, HUI 3,018,247
LU, JIANG 3,018,404
LU, YU 3,018,140
LU, YU 3,018,404
LUBRIZOL ADVANCED MATERIALS, INC. 3,018,070
LUCAS, FRANKLIN LEE, JR. 3,017,933
LUDWICK, CHRISTOPHER KENNEDY 3,018,184
LUGLI, PETER, A. 3,018,326
LUKSCHE, CHRISTIAN 3,018,023
LUO, TAO 3,017,934
LUO, TAO 3,018,178
LUO, YONGHUA 3,018,058
LUTFIYYA, LINDA L. 3,018,098
LUTS, PETER 3,018,267
LUTTRULL, JEFFREY K. 3,018,167
LYTELOOP TECHNOLOGIES, LLC 3,018,142

MA, SHA 3,018,392
MACCHIAVELLI S.R.L. 3,018,034
MACDONALD, SIMON JOHN FAWCETT 3,017,796
MACHADO, JOSE 3,018,175
MACK, BENJAMIN 3,018,504
MACLENNAN, ALEXANDER JOHN 3,018,224
MADDIKA, SREENEEL 3,018,437
MADER, GILBERT 3,018,309
MADSEN, NICKOLAS EVERETT 3,018,401
MAERTENS, FAYE 3,018,267
MAF AGROBOTIC 3,018,016
MAGIC LEAP, INC. 3,017,930
MAGIC LEAP, INC. 3,017,965
MAGNANI, ALBERT M. 3,017,935
MAGNOTTI, PHILLIP J. 3,018,478
MAGRO, STEPHANE CHRISTIAN JACQUES 3,018,187
MAHFOUZ, MOHAMED R. 3,017,983
MAHLER, MARKUS 3,018,000
MAHLER, MARKUS 3,018,015
MAHMOUDYSEPEHR, SEYED MOHSEN 3,017,971
MAHON, TARA 3,018,467
MAKAL, UMIT G. 3,018,070
MAKI, KIRK EDWARD 3,017,986
MAKO TURBINES PTY. LTD. 3,017,762
MALCOLM, THOMAS 3,018,289
MALCOLM, THOMAS 3,018,294
MALDONADO, FERNANDO GABRIEL 3,018,210
MALHOTRA, PANKAJ 3,018,422
MALIK, MUZAFFAR H. 3,018,196
MALPEZZI, DOMENICO 3,018,414
MAMO, SHUMEYE 3,018,266
MANTHATI, SURESH KUMAR 3,017,926
MANUELE, CHARLES 3,018,116
MANZ, PAUL C. 3,018,478
MARATT, JAMES D. 3,018,380
MARCIANO, ANNAEL 3,018,536
MARGOLIS, BENJAMIN W. L. 3,018,167
MARIE, VINCENT 3,018,138
MARIE, VINCENT 3,018,201
MARKOVIC, SVETOMIR N. 3,018,340
MARKOVIC, SVETOMIR N. 3,018,341
MARPOSS SOCIETA' PER AZIONI 3,018,414
MARSH, JUSTIN ALLEN 3,018,426
MARTENSSON, HANS ROGER MARCUS 3,018,043
MARTIN, JEFFREY REINO 3,018,206
MARTIN, ROXALANA 3,018,168
MARTINEZ, ERIC L. 3,018,159
MARTINEZ, MARCOS V. 3,018,497
MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG 3,018,023
MASETTI, MASSIMO 3,018,153
MASHBLOX PTY LTD 3,017,970
MASONITE CORPORATION 3,018,159
MAST, LUKE A. 3,017,986
MASTERCARD INTERNATIONAL INCORPORATED 3,018,173
MASTERCARD INTERNATIONAL INCORPORATED 3,018,326
MATHEW, THOMAS 3,018,179
MATHUR, GOPAL 3,018,165
MATONICK, JOHN 3,017,590
MATSUOKA, RYOHEI 3,018,534
MATTINGLY, TIMOTHY, WARREN 3,018,326
MAV, DEEPAK 3,017,734
MAXWELL, EVAN 3,018,186
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 3,018,340
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 3,018,341
MCARTHUR, GREGORY R. 3,018,391
MCCORMICK, NATHAN 3,017,955
MCELHINNEY, ADAM 3,018,378
MCFARLIN, NICHOLAS WADE 3,018,179
MCGUFFIN, ASHER 3,018,142
MCKEON, THOMAS MICHAEL 3,018,450
MCKEON, THOMAS MICHAEL 3,018,455
MCKINNON, AUSTIN JASON 3,018,508
MCMAHON, ANTHONY 3,018,452
MCMANAMON, PAUL FRANCIS 3,018,142
MCMICHAEL, DONALD 3,018,038
MCNAB, DAVE 3,017,924
MCNAUGHTON, MATTHEW PAUL 3,018,184
MCNEELY, LOREN 3,017,937
MCWHIRTER, JON D. 3,018,386
MCWHIRTER, JON D. 3,018,440
MCWHIRTER, JON D. 3,018,444
MECHAM, SUE J. 3,018,148
MEDICAL COMPONENTS, INC. 3,017,980
MEDLINE INDUSTRIES, INC. 3,017,731
MEDTRONIC MINIMED, INC. 3,017,979
MEHROTRA, MUKUND M. 3,017,926
MEILLIER, STEPHANE 3,018,158
MEISE, MARKUS 3,017,788
MEISTER, ROBERT J. 3,018,098
MEJIA SILVA, JESUS I. 3,018,214
MELCHINI, ANTONIETTA 3,018,147
MELNICK, JOEL Z. 3,018,019
MEMORIAL SLOAN KETTERING CANCER CENTER 3,017,954
MENG, FEI 3,018,409
MENG, WEI 3,018,346
MERCK SHARP & DOHME CORP. 3,018,185
MERIT MEDICAL SYSTEMS, INC. 3,018,391
MERITOOL L.L.C. 3,017,953
MERLIN, SIMONE 3,017,943
MERRYMAN, CHUCK 3,018,199
MESSENGER, JOHN E. 3,018,261
METSO MINERALS, INC. 3,018,123
MICALLEF, JACOB VINCENT 3,018,428
MICHEL, JEAN-BAPTISTE 3,018,443
MICROTEK MEDICAL, INC. 3,018,217
MIGLARESE, MARK 3,018,066
MIKKAICHI, TSUYOSHI 3,018,316
MILITELLO, MIKE 3,018,188
MILLER, ANDREW 3,018,438
MILLER, ANDREW P. 3,018,202
MILLER, JUSTIN 3,018,108
MILLER, KYLE 3,017,734
MILLER, SAMUEL A. 3,017,930
MILLER, STUART 3,018,452
MILLER, TAMMY LYNN 3,018,401
MILLER, WILLIAM HAROLD 3,018,527
MIMS, STEPHEN W. 3,017,935
MIN, JIANYUAN 3,017,965
MINAMI, ITSUNARI 3,017,871
MINATODANI, YOJI 3,017,864
MINTO, ROBIN 3,018,452
MIRONOV, OLEG 3,018,445
MISMAR, WAEL 3,018,426
MISRA, KIRAN MUKESH 3,018,476
MITEL NETWORKS, INC. 3,018,422
MITHEN, RICHARD 3,018,147
MITSUBISHI ELECTRIC CORPORATION 3,018,245
MITSUBISHI GAS CHEMICAL COMPANY, INC. 3,018,170
MIYAZAKI, CHIHARU 3,018,245
MIZOE, YOSHIAKI 3,018,045
MIZUGUCHI, HIROYUKI 3,018,307
MOADDEL, TEANOOSH 3,018,131
MOCHIDA PHARMACEUTICAL CO., LTD. 3,018,152
MOELLER, JOHN F. 3,018,191
MOGNA, GIOVANNI 3,018,035
MOINET, ALEXIS 3,017,999
MOISE, DANIEL L. 3,017,646
MOLLER, ALEXANDER 3,017,989
MOLLER, ALEXANDER 3,017,991
MONSANTO TECHNOLOGY LLC 3,018,098
MONSANTO TECHNOLOGY LLC 3,018,527
MONTEIRO, DEEPAK STEVEN 3,018,040
MONTEYS, ALEJANDRO MAS 3,018,076
MONTGOMERY, JOSEPH M. 3,017,937
MOON, JUN OK 3,017,944
MOR, NISSIM 3,012,089
MORALES, GEORGE A. 3,017,932
MORALES, GUSTAVO A. 3,018,336
MOREL, RICHARD J. 3,017,937
MORGENSTERN, HERBERT 3,018,424
MORGENTHAU, JUSTIN J. 3,017,946
MORIKAWA, TAKUYA 3,018,495
MORIN, TREVOR J. 3,017,982
MORISHITA, RYUICHI 3,018,482
MORRIS, ADRIAN 3,017,923
MORRIS, KIT 3,017,977
MORRIS, STEVEN 3,018,141
MORRISON, CHRISTOPHER J. 3,018,380
MORSE, STEPHEN A. 3,018,223

MOSTOVOY, ALEXANDER 3,018,244
MOTTOLA, JIM 3,018,391
MOULTON, TIMOTHY LEE 3,018,068
MRAVCAK, VLADIMIR 3,017,973
MROTZEK, MANFRED 3,018,415
MU, BO 3,017,935
MUHLENFELD, STEPHANIE 3,018,220
MUKADDAM, WAHEED 3,018,208
MULTI-CHEM GROUP, LLC 3,018,040
MULTIMATIC INC. 3,018,063
MUNCHKIN, INC. 3,018,320
MUNK, YONATAN 3,017,930
MURDOCH, PETER JOHN 3,017,762
MUREN, RUSSELL 3,018,324
MURPHY, DAVID WARREN 3,018,401
MURPHY, SHANE 3,017,932
MYDOCK-MCGRANE, LAUREL 3,018,345
MYERS, MICHAEL C. 3,018,346
NAGASHIMA, IKUO 3,018,074
NAITO, TOSHIYUKI 3,017,705
NAKAGAMI, HIRONORI 3,018,482
NAKAJIMA, KATSUYOSHI 3,018,316
NAKAZAWA, YOSHIAKI 3,018,484
NANA, SONAL SADARIA 3,018,085
NANA, SONAL SADARIA 3,018,093
NANOHOLDINGS LLC 3,018,214
NARAYANAN, SANJU 3,018,344
NAT DIAGNOSTICS, INC. 3,018,202
NATIONAL CANCER CENTER 3,018,048
NATIONAL RESEARCH COUNCIL OF CANADA 3,017,594
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 3,018,152
NATSCHKE, SCOTT LEE 3,018,163
NESTEC S.A. 3,017,842
NETTENSTROM, MATTHEW 3,018,450
NETTENSTROM, MATTHEW JOEL 3,018,455
NETTENSTROM, MATTHEW JOEL 3,018,460
NETTENSTROM, MATTHEW JOEL 3,018,472
NEUMAN, DALE 3,017,973
NEVALA, WENDY K. 3,018,340
NEVALA, WENDY K. 3,018,341
NEWHOUSE, NORMAN L. 3,018,397
NEWNAM, SMITH 3,017,977
NG, HOONG MAN 3,018,171
NG, SHEAU 3,018,476
NGUYEN, DUCTRI H. 3,018,478
NICOLETTI, ANTONINO 3,018,443
NICOVENTURES HOLDINGS LIMITED 3,018,042
NICOVENTURES HOLDINGS LIMITED 3,018,450
NICOVENTURES HOLDINGS LIMITED 3,018,455
NICOVENTURES HOLDINGS LIMITED 3,018,460
NICOVENTURES HOLDINGS LIMITED 3,018,472
NIELSEN, ESBEN 3,018,030
NIKE INNOVATE C.V. 3,018,220
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,018,312
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,018,484
NISHIHAMA, NATSUMI 3,018,316
NISHIMURA, RYUICHI 3,018,484
NISSAN MOTOR CO., LTD. 3,018,246
NISSAN MOTOR CO., LTD. 3,018,300
NISSHIN STEEL CO., LTD. 3,018,162
NISSHIN STEEL CO., LTD. 3,018,530
NISSHINBO CHEMICAL INC. 3,018,044
NOJIMA, YUSUKE 3,017,966
NOLAN, CHRIS 3,018,251
NORTHROP GRUMMAN SYSTEMS CORPORATION 3,017,892
NOSKOV, VLADIMIR N. 3,018,199
NOVARTIS AG 3,018,036
NOVARTIS AG 3,018,160
NOVOMER, INC. 3,018,118
NOVOMER, INC. 3,018,135
NOVOMER, INC. 3,018,208
NOVOZYMES BIOAG A/S 3,018,189
NOX CORPORATION 3,015,742
NOXTAK CORP. 3,018,175
NR ELECTRIC CO., LTD 3,018,404
NR ELECTRIC CO., LTD. 3,018,140
NR ENGINEERING CO., LTD 3,018,140
NR ENGINEERING CO., LTD 3,018,404
NUCAP INDUSTRIES INC. 3,017,768
NUCOR CORPORATION 3,018,206
NUSCALE POWER, LLC 3,018,050
NUTRINIA LTD. 3,018,215
O'HARA, ALIX 3,017,970
O'MALLEY, DAMIEN 3,018,329
O'NEILL, HEATHER 3,018,066
O'SHAUGHNESSY, PETER 3,018,452
OCHIAI, ATSUSHI 3,018,048
OELRICHS, ILKA 3,018,257
OESER, MICHELLE 3,018,013
OGAWA, YASUYUKI 3,018,316
OGIER, JAMES 3,018,298
OGIER, JAMES 3,018,301
OGIER, VIRGINIE 3,018,114
OGITANI, MOMOKO 3,018,316
OHASHI, RYUJI 3,018,495
OJAI RETINAL TECHNOLOGY, LLC 3,018,167
OKADA, HIROKAZU 3,018,312
OKAMOTO, SHUSUKE 3,018,044
OKANO, FUMIYOSHI 3,017,711
OKANO, FUMIYOSHI 3,017,714
OKANO, FUMIYOSHI 3,018,154
OLAH, TAMAS 3,018,144
OLBERDING, JASON G. 3,017,955
OLSHANSKY, MICHAL 3,018,215
OLSON, CALLA M. 3,018,429
OLSON, CALLA M. 3,018,434
OLSSON, ROGER 3,018,375
OPKO IRELAND GLOBAL HOLDINGS, LIMITED 3,018,019
ORTIZ, AVEL Z. 3,017,937
OSAKA GAS CO., LTD. 3,018,463
OSAKA UNIVERSITY 3,018,307
OSAKA UNIVERSITY 3,018,482
OSHIMA, JUNJI 3,018,463
OSHITA, SHINYA 3,017,966
OSHKOSH CORPORATION 3,017,940
OSTUNI, RAFFAELE 3,018,442
OTIABA, KENNY 3,018,460
OTTEN, BERNWARD 3,018,027
OUTOTEC (FINLAND) OY 3,018,017
OUTOTEC (FINLAND) OY 3,018,028
OUTOTEC (FINLAND) OY 3,018,029
OVERHOLTZER, MICHAEL 3,017,954
OWENS, CHRIS 3,017,977
OWSLEY, KEEGAN 3,018,065
PAGENKOPF, KENNETH EDWARD 3,018,319
PALOVAARA, PETRI 3,018,028
PAN, KE 3,018,221
PAN, KE-JI 3,018,128
PAN, KE-JI 3,018,177
PARK, HAN 3,017,917
PARKER, DYLAN 3,018,198
PARKER, GLEN C. 3,017,911
PARTTI, ARI 3,018,029
PATEL, DINESH V. 3,017,926
PATEL, MILAN INDU 3,018,222
PATNO, TIMOTHY J. 3,018,085
PATNO, TIMOTHY J. 3,018,093
PAUKEN, KRISTEN 3,018,332
PAULK, JOSHIAWA 3,018,270
PAWLOWSKI, FRANK 3,018,085
PEART, JUSTIN BANKER 3,018,450
PEI, SHANGZU 3,018,407
PENG, YUXING 3,017,988
PEOPLEBIO, INC. 3,017,723
PERDUE, ETHAN ROSS 3,017,933
PERI GMBH 3,017,630
PERSICO S.P.A. 3,018,533
PERSONAL CARE MARKETING AND RESEARCH, INC. 3,018,095
PETERS, DAVID M. 3,018,085
PETERS, EUGENE MAX, JR. 3,018,219
PETERS, MARK EDWIN 3,018,401
PETERSEN, RUSSELL 3,017,928
PETKOVICH, P. MARTIN 3,018,019
PETRAROIA, SANDRA 3,018,153
PETROSKI, ROBERT C. 3,018,386
PETROSKI, ROBERT C. 3,018,388
PETTERSSON, HAKAN 3,018,315
PEYLA, PAUL J. 3,017,912
PFEIFER, KYLE ANDREW 3,018,401
PFEIFFER, MATTHIAS 3,018,424
PFIRRMANN, ROLF W. 3,018,145
PFIZER INC. 3,018,292
PHAM, PHUONGLY 3,017,972
PHILIP MORRIS PRODUCTS S.A. 3,018,445
PHILLIPS, MONIQUE 3,018,346
PI, ZULAN 3,018,346
PIASENTIN, MIRKO 3,018,159
PICHOT, HERVE 3,017,933
PIIRONEN, MARJATTA 3,018,449
PINGER, THOMAS 3,018,273

PIONEER HI-BRED INTERNATIONAL, INC. 3,018,430
PIOTROWSKI, YVONNE 3,018,433
PISAREV, ALEXEY 3,018,290
PISAREV, VLADIMIR 3,018,290
PISILA, SAULI 3,018,028
PLANET LABS, INC. 3,017,951
PLEXXIKON INC. 3,017,972
PLICO BIOTECH INC. 3,018,295
PLOTZITZKA, JOACHIM 3,017,953
POKROVSKI, KONSTANTIN 3,018,208
POLLAK, JOSEPH JOEL 3,018,536
POLLARD, JASPER N. 3,018,204
POMMIES, LAURENT 3,018,300
POOLE, MICHAEL STEPHEN 3,018,183
PORCINA, SHELDON 3,017,646
PORITZ, MARK AARON 3,018,187
PORTER, MICHAEL A. 3,018,218
PORTER, MICHAEL A. 3,018,219
POWELL, DAMIAN 3,018,452
POWERDOT, INC. 3,018,290
POWERS, HANNAH 3,017,972
PPG INDUSTRIES OHIO, INC. 3,018,168
PPG INDUSTRIES OHIO, INC. 3,018,169
PRACA, EMILIE 3,018,133
PRADHAN, BHABENDRA K. 3,018,214
PREMIER COIL SOLUTIONS, INC. 3,017,879
PRESTON, ALEXANDER G. 3,018,275
PREVERAUD, DAMIEN 3,017,931
PRITCHARD, JOHN MARTIN 3,018,014
PROBIOTICAL S.P.A. 3,018,035
PROCOPIOU, PANAYIOTIS ALEXANDROU 3,018,014
PRODIC, ALEKSANDAR 3,018,104
PROTAGONIST THERAPEUTICS, INC. 3,017,926
PROTHIX BV 3,018,124
PULSENMORE LTD. 3,018,243
PUSZKIEWICZ, IGNACY 3,017,940
QI, JUN 3,018,270
QI, WENYUE 3,017,984
QI, WENYUE 3,018,400
QIU, QIANG 3,018,131
QUADRAM INSTITUTE BIOSCIENCE 3,018,147
QUALCOMM INCORPORATED 3,017,934
QUALCOMM INCORPORATED 3,017,943
QUALCOMM INCORPORATED 3,018,178
QUALCOMM INCORPORATED 3,018,197
QUALCOMM INCORPORATED 3,018,205
QUAN, KAI 3,018,395
QUENTIN, WALSH 3,018,459
QUEVEDO-LOPEZ, MANUEL 3,018,214
QUICK FITTING, INC. 3,018,105
RADA, VANESSA L. 3,018,185
RADKIEWICZ, JACOB 3,018,377
RAE, CAROL A. 3,018,191
RAE, STEPHEN 3,018,425
RAI, VISHAL 3,018,129
RAITT, STEPHEN 3,017,932
RAJAGOPAL, ARUN 3,017,908
RAJANI, MONNANDA S. 3,018,098
RAJENDRAN, SANKERLINGAM 3,017,976
RAJKHOWA, RANGAM 3,018,447
RALSTON, TYLER S. 3,018,183
RALSTON, TYLER S. 3,018,387
RAMACHANDRA, DHANALAKSHMI 3,018,098
RAMAMOORTHI, KALPITH 3,017,987
RAMASWAMY, PALLAVIKA 3,017,646
RAMER, MARC 3,017,747
RANDER, PETER 3,018,335
RAPIN, EDWARD A. 3,018,179
RAUFFMANN, UDO 3,018,020
RAUNER, HOLGER 3,017,780
RAWLINGS, DAVID RICHARD 3,018,217
RAYTHEON COMPANY 3,017,976
REBOUND TECHNOLOGIES, INC. 3,018,324
REDMOND, H. PAUL 3,018,145
REDMOND, JOANNA MARY 3,018,014
REDOX POWER SYSTEMS, LLC 3,018,128
REGENERON PHARMACEUTICALS, INC. 3,018,186
REGENTIS BIOMATERIALS LTD. 3,018,305
REGENTYS CORPORATION 3,017,747
REID, JEFFREY 3,018,186
REIS-FILHO, JORGE 3,018,428
REOHR, WILLIAM ROBERT 3,017,892
RESEARCH TRIANGLE INSTITUTE 3,018,344
REXNORD INDUSTRIES, LLC 3,018,432
REYES, CHRISTOPHER L. 3,018,081
REYES, JOSE N., JR. 3,018,050
RHA, SUN YOUNG 3,018,493
RHEINFELDEN CARBON GMBH & CO. KG 3,017,840
RICE, CHARLES F. 3,018,013
RICE, ELENA A. 3,018,098
RICHARD, MEGAN M. 3,018,499
RICHES, BRANDON 3,017,924
RICHMOND, DAVID B. 3,018,217
RIEMENS, ABRAHAM KAREL 3,018,439
RITE-HITE HOLDING CORPORATION 3,018,054
RITZ, THOMAS 3,017,604
RIZZI, ENRICO 3,017,633
ROBLES, OMAR 3,018,192
RODRIGUEZ, RODOLFO R. 3,018,204
ROGATCHEVA, MARGARITA 3,018,187
ROHDE, ANTJE 3,017,995
ROHDE, ANTJE 3,017,997
ROHDE, ANTJE 3,017,998
ROHLOFF, JOHN 3,017,853
ROHM AND HAAS COMPANY 3,017,981
ROITEL, OLIVIER 3,018,114
ROLLEND, GEORGE F. 3,018,421
ROMO, DANIEL 3,018,192
RONDELLI, RAFFAELE 3,018,034
RONG, YUE 3,018,115
ROOS, DAVE 3,017,923
ROSEMAN, MATTHEW BRIAN 3,017,851
ROSEN, MICHAEL R. 3,018,150
ROSENLOF, LENA WESTER 3,017,836
ROSENSTROM, EERIN 3,018,106
ROSILIO, VERONIQUE 3,017,931
ROSSI, ALESSANDRO 3,018,414
ROUSMANIERE, LOUIS HU 3,017,951
ROVERI, NORBERTO 3,018,153
ROVI GUIDES, INC. 3,018,222
ROZYNEK, ZBIGNIEW 3,018,117
RUCK, OLIVER 3,018,223
RUEBENACKER, MARTIN 3,018,136
RUNYON, SCOTT 3,018,344
RUSCHER, KARSTEN 3,018,375
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,017,958
RUZICKA, DANIEL 3,018,098
RYAN, SANDRA C. 3,017,964
S.D. SIGHT DIAGNOSTICS LTD 3,018,536
SADIQ, BILAL 3,017,934
SADVARY, RICHARD J. 3,018,169
SAFRAN AIRCRAFT ENGINES 3,018,448
SAID, AMIR 3,018,197
SAIGH, MICHAEL M. 3,017,969
SAINT-GOBAIN GLASS FRANCE 3,018,207
SAITO, KEIJI 3,018,316
SAITO, MINORU 3,018,534
SAITO, TOMOKAZU 3,018,045
SAITOH, WATARU 3,018,316
SAKLATVALA, PAULA 3,017,796
SAKO, DIANNE 3,018,272
SAKURAI, FUMINORI 3,018,307
SAKURAI, MOTOKI 3,018,310
SALGAONKAR, NEHA 3,018,131
SALJO, JONAS FALJERSON 3,018,043
SALOMONSSON, CATHARINA 3,018,285
SALSALI, AFSHIN 3,017,992
SAMANIEGO, ADRIAN C. 3,018,116
SAMANIEGO, ADRIAN C. 3,018,119
SAMUEL, TINU MARY 3,017,842
SANDER, THEA ROSE 3,018,182
SANDERS, JOHN M. 3,018,185
SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH 3,018,020
SANT, ANAGHA M. 3,018,098
SARSTEDT AKTIENGESELLSCHAFT & CO. KG 3,018,143
SAS, VOLKER 3,018,415
SASS, VOLKER 3,018,415
SAUDI ARABIAN OIL COMPANY 3,018,322
SAVOGLIDIS, GEORGIOS 3,017,800
SAYERS, GEAROID 3,018,420
SCHECKER, FRANZISKA 3,018,257
SCHENNUM, STEVEN MICHAEL 3,018,450
SCHENNUM, STEVEN MICHAEL 3,018,460
SCHLUTER, STEFAN 3,018,415

SCHMIDT-HANSBERG, BENJAMIN 3,017,788
SCHMUKE, JON J. 3,018,098
SCHNEIDER, CURT 3,017,938
SCHNEIDER, NORA 3,017,842
SCHRAMM, BERND 3,017,780
SCHRYVER, BRAIN 3,018,426
SCHUH, RYAN JOSEPH 3,018,401
SCHUMMER, CHRISTOPH MATTHIAS 3,018,436
SCHUSTER, RAINER 3,018,143
SCIALLA, STEFANO 3,018,136
SCIOME, LLC 3,017,734
SEAL, JONATHAN THOMAS 3,018,275
SEB S.A. 3,018,181
SEEFELDT, MICHAEL 3,017,731
SEGALL, CHRISTOPHER ANDREW 3,018,476
SEIBEL, JURGEN 3,018,435
SEIDEL, TIM 3,017,639
SEILER, ANDREAS 3,018,023
SEN, DEBATTAMA 3,018,332
SEO, WEESEONG 3,017,952
SEREGIN, VADIM 3,018,197
SEW-EURODRIVE GMBH & CO. KG 3,018,411
SEYOUM, GHIRMAY 3,017,636
SHACHAF, YONATAN 3,018,305
SHAH, NIRJA 3,018,196
SHAH, RUCHIR 3,017,734
SHANGHAI FOCHON PHARMACEUTICAL CO., LTD. 3,018,115
SHANGHAI SYNERGY PHARMACEUTICAL SCIENCES CO., LTD 3,018,402
SHAO, JIAFENG 3,018,392
SHARKEY, MARYBETH 3,018,266
SHARKEY, NATHAN J. 3,018,272
SHARP KABUSHIKI KAISHA 3,018,476
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,017,839
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,018,210
SHEN, BO 3,018,131
SHEN, CONDOR 3,018,078
SHEN, GANG 3,017,988
SHEN, WENYUN 3,017,594
SHENOY, SURESH LAXMAN 3,018,254
SHI, SONGYUAN 3,017,972
SHI, WEI 3,018,248
SHIBUYA, SATOSHI 3,018,316
SHIMER, KURT 3,017,980
SHIMIZU, SATOSHI 3,018,152
SHIMKETS, RICHARD A. 3,018,058
SHIMOMURA, IKUO 3,018,074
SHINER, CRAIG 3,018,344
SHIPE, WILLIAM D. 3,018,185
SHLAKHETSKI, VICTOR 3,018,244
SHROPSHIRE, TYLER 3,017,982
SIANKEVICH, SVIATLANA 3,017,800
SIEMENS AKTIENGESELLSCHAFT 3,018,441
SIGETY, CHARLES BIRGE 3,018,084
SIGETY, KATHARINE COLYER 3,018,084
SIKA TECHNOLOGY AG 3,018,309
SILVA ZOLEZZI, IRMA 3,017,842
SIMONI, JAN 3,018,191
SIMPSON, KATHLEEN 3,018,072
SIMPSON, MOLLI 3,018,377
SINCLAIR, AARON LEE 3,018,401
SINK, JOHN RICHARD 3,018,204
SINNTAXIS AB 3,018,375
SISSMANN, OLIVIER 3,018,112
SJOLUND, CARIN 3,018,375
SKAFF, SARJOUN 3,018,381
SKELTON, ROD 3,017,630
SKINNER, JOSEPH P. 3,018,085
SKINNER, JOSEPH P. 3,018,093
SLOAN, SUSAN 3,018,216
SLOFF, MICHAEL 3,017,899
SLYNE, FRANK 3,018,033
SMITH, GERALD L. 3,018,072
SMITH, HAMILTON O. 3,018,199
SMITH, JESSICA 3,018,189
SNOPEK, THOMAS 3,017,932
SNOWFLAKE COMPUTING INC. 3,018,522
SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCPRA SCIENCES SANTE ET HUMAINES S.E.C. 3,017,950
SODER, JOHANN 3,018,411
SOLANS, LUIS 3,018,126
SOLLIS, STEVEN LESLIE 3,018,014
SOLMOSAN, JEFFREY J. 3,018,179
SOMALOGIC, INC. 3,017,853
SONDEREGGER, RALPH L. 3,018,172
SONG, JOO HAN 3,017,893
SONG, XINGYONG 3,018,313
SONG, YOUNG DAE 3,015,742
SONNENSCHEIN, LAZAR 3,018,243
SONY CORPORATION 3,018,259
SONY CORPORATION 3,018,265
SONY CORPORATION 3,018,268
SOOKRAJ, SADESH H. 3,018,118
SOOKRAJ, SADESH H. 3,018,135
SOOKRAJ, SADESH H. 3,018,208
SORBONNE UNIVERSITE 3,017,916
SOSA, JOSE 3,018,061
SOULODRE, GILBERT ARTHUR JOSEPH 3,018,039
SOUTHARD, MATTHEW 3,018,116
SOUTHARD, MATTHEW JAMES 3,018,119
SPANDLEY, LUKE 3,017,775
SPANJAARD, REMCO A. 3,018,264
SPAULDING, USHA K. 3,018,187
SPECTRUM BRANDS, INC. 3,017,599
SPETZLER, DAVID 3,018,066
SPEVAK, WAYNE 3,017,972
SPRINT COMMUNICATIONS COMPANY L.P. 3,017,908
SRIVASTAVA, ALOK MANI 3,018,490
ST-LAURENT, CHRIS 3,017,604
ST-LAURENT, KATHERINE 3,017,604
STADLMANN, KLAUS 3,017,759
STAPLES, JEFFREY 3,018,186
STEENBEEK, DOMINIQUE 3,018,173
STEFANKO, JUSTIN MICHAEL 3,018,432
STEIN, ADRIAN 3,017,780
STEINFELD, UTE 3,018,000
STEINFELD, UTE 3,018,015
STEPANYAN, ROMAN 3,018,431
STEVENS, JUNKO 3,017,987
STEVENS, PETER J. 3,018,116
STEVENS, PETER J. 3,018,119
STILWELL, REGINALD 3,018,116
STILWELL, REGINALD 3,018,119
STOMBERG, CARMEN 3,018,011
STOMBERG, CARMEN 3,018,012
STORCH, HANNES 3,018,017
STREAMLIGHT, INC. 3,018,190
STRUGNELL, STEPHEN A. 3,018,019
STUEDEMANN, ROBERT PAUL 3,018,401
SU, BAOJI 3,018,407
SUBRAMANIAM, JEYAKUMAR 3,018,063
SUBRAMANIAN, SUNDAR 3,017,934
SUBRAMANIAN, SUNDAR 3,018,178
SUDO, HIDEKI 3,018,152
SUDO, HIROKO 3,018,048
SUEN, LINDA M. 3,018,185
SUI, SHUNKE 3,018,404
SUN, CHEN 3,018,259
SUN, CHEN 3,018,265
SUN, CHEN 3,018,268
SUN, JING 3,018,115
SURAGANI VENU, LALITH B. 3,018,070
SURMODICS, INC. 3,018,188
SUTHERLAND, JAMES SCOTT 3,018,211
SVENSSON, KENNETH 3,018,413
SWAIN, SANDRA MAY 3,018,141
SWAMIDAS, JOSHUA 3,018,251
SWANSON, KEVIN MICHAEL 3,018,401
SWARUP, SHANTI 3,018,168
SWARUP, SHANTI 3,018,169
SYKES, KENNETH 3,018,391
SYNEDGEN, INC. 3,017,975
SYNTHETIC GENOMICS, INC. 3,018,199
SZABO, CHRISTOPHE 3,017,996
SZEKELY, ZOLTAN 3,017,958
TAI, YANG 3,018,410
TAKAGI, HAJIME 3,017,966
TAKAGI, TAKAMITSU 3,018,312
TAKANIEMI, MIKKO 3,018,123
TAKANO, KENTARO 3,018,170
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,017,749
TAKEDA, KIYOKO 3,018,312
TALMER, MARK 3,018,085
TALMER, MARK 3,018,093
TAN, HAOHAN 3,018,115
TAN, KENNETH 3,018,426

TAN, RUI 3,018,115
TANAKA, KAZUMI 3,018,164
TANAKA, SHINJI 3,018,316
TANIGUCHI, TORU 3,018,316
TANNHAUSER, ROBERT J. 3,017,590
TANNO, FUMIO 3,018,044
TAO, QING 3,018,255
TAROZZO, MIRCO 3,017,633
TAYLOR, JONATHAN DAVIS 3,018,381
TEBBE, MARK GERARD 3,018,320
TENMA, AKIKO 3,018,482
TERCEL OILFIELD PRODUCTS USA LLC 3,017,961
TERRAPOWER, LLC 3,018,386
TERRAPOWER, LLC 3,018,388
TERRAPOWER, LLC 3,018,440
TERRAPOWER, LLC 3,018,444
TERUNUMA, MASAAKI 3,018,312
TESSENDERLO GROUP N.V./SA 3,018,267
TEUCHER, MARK DIGBY 3,018,417
TEUCHER, MARK DIGBY 3,018,418
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 3,018,076
THE COCA-COLA COMPANY 3,017,964
THE EUROPEAN MOLECULAR BIOLOGY LABORATORY 3,018,427
THE GENERAL HOSPITAL CORPORATION 3,018,379
THE GILLETTE COMPANY LLC 3,017,985
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 3,017,604
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,018,332
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 3,018,150
THE SHERWIN-WILLIAMS COMPANY 3,018,200
THE SHERWIN-WILLIAMS COMPANY 3,018,336
THE TEXAS A&M UNIVERSITY SYSTEM 3,018,192
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 3,018,150
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3,018,332
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 3,018,148
THOMPSON, JOHN P. 3,018,325
THOMPSON, REBECCA L. 3,018,098
THOMSON, STANLEY 3,018,438
THORNTON, ANDREW 3,017,764
THOUVENOT, BENOIT 3,018,114
TIAN, JIE 3,018,404
TIJSTERMAN, MARCEL 3,018,306
TIMKEN, HYE KYUNG CHO 3,018,318
TIMM, MALTE 3,018,435
TOMITA, YOUSUKE 3,018,246
TOMLINSON, JOHN 3,018,061
TORA, GEORGE O. 3,018,346
TORAY INDUSTRIES, INC. 3,017,711
TORAY INDUSTRIES, INC. 3,017,714
TORAY INDUSTRIES, INC. 3,018,048
TORAY INDUSTRIES, INC. 3,018,154
TORAY INDUSTRIES, INC. 3,018,164
TORRES, LAURA 3,018,342
TOTH, ZOLTAN MARTON 3,018,144
TOUZE, DAVID 3,017,994
TOWNSEND, STACY MARIE 3,017,975
TOYAMA CHEMICAL CO. LTD. 3,018,486
TRAKA, MARIA 3,018,147
TRC SERVICES, INC. 3,018,317
TRIAX TECHNOLOGIES, INC. 3,017,946
TROUPE, CURTIS 3,017,932
TRUONG, VAN DAN 3,017,962
TSAI, CAROL CHIAM-MEI 3,018,196
TSE, SING YUEN ERIC 3,017,796
TSEITLIN, ALEXANDER 3,018,118
TSEITLIN, ALEXANDER 3,018,208
TSICOPOULOS, ANNE 3,018,126
TSUJII, FUMIYA 3,018,074
TSUJIMOTO, TAKERU 3,018,152
TSUJIMOTO, TOMOO 3,018,170
TSUKADA, SHUNSUKE 3,018,149
TUCKER, MARK A. 3,018,168
TUOKKO, TUOMAS 3,018,123
TURNER, LOUIS 3,018,141
TWO PORE GUYS, INC. 3,017,982
TWO PORE GUYS, INC. 3,018,069
TYCO FIRE & SECURITY, GMBH 3,018,298
TYCO FIRE & SECURITY, GMBH 3,018,301
U.S. GOVERNMENT AS REPRESENTED BY THE SECRETARY OF THE ARMY 3,018,478
UBER TECHNOLOGIES, INC. 3,018,335
UEDA, KENTARO 3,018,463
UENO, YOSHIYUKI 3,018,164
UHR, JOON SUN 3,017,893
ULTIVUE, INC. 3,017,945
ULTRA SAFE NUCLEAR CORPORATION 3,017,896
ULTRA SAFE NUCLEAR CORPORATION 3,017,939
ULTRA SAFE NUCLEAR CORPORATION 3,017,974
ULTRA-D COOPERATIEF U.A. 3,018,439
ULVENLUND, STEFAN 3,018,285
UM, HYE WON 3,017,944
UNFRIED, KLAUS 3,017,648
UNILEVER PLC 3,018,131
UNILEVER PLC 3,018,417
UNILEVER PLC 3,018,418
UNIMA LOGICIEL INC. 3,018,157
UNITED PARCEL SERVICE OF AMERICA, INC. 3,017,889
UNIVERSITE DE MONS 3,017,999
UNIVERSITE LAVAL 3,018,248
UNIVERSITE PARIS 13 - PARIS NORD 3,018,443
UNIVERSITE PARIS DIDEROT - PARIS 7 3,018,419
UNIVERSITE PARIS DIDEROT - PARIS 7 3,018,443
UNIVERSITEIT LEIDEN 3,018,306
UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET 3,018,433
UNIVERSITY OF CINCINNATI 3,018,224
UNIVERSITY OF MARYLAND, COLLEGE PARK 3,018,128
UNIVERSITY OF MARYLAND, COLLEGE PARK 3,018,177
UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,017,747
UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,017,589
UNIVERSITY OF SOUTHERN CALIFORNIA 3,018,253
UNIVERSITY OF SOUTHERN CALIFORNIA 3,018,382
UNIVERSITY OF UTAH RESEARCH FOUNDATION 3,018,311
UPTAKE TECHNOLOGIES, INC. 3,018,377
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